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NAT'L INST OF STANDARDS & TECH R.I.C.



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Jason, Nora H/FIREDOC vocabulary list
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FIREDOC Vocabulary List

Reference

**NBS
PUBLICATIONS**

Nora H. Jason

U.S. DEPARTMENT OF COMMERCE
National Bureau of Standards
National Engineering Laboratory
Center for Fire Research
Gaithersburg, MD 20899

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FIREDOC VOCABULARY LIST

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U.S. DEPARTMENT OF COMMERCE, Malcolm Baldrige, *Secretary*
NATIONAL BUREAU OF STANDARDS, Ernest Ambler, *Director*

INTRODUCTION

The Fire Research Information Services (FRIS) started in 1971. It is a broad-based collection of over 25,000 fire research items, emphasizing the national and international report literature, geared toward the programmatic needs of the Center for Fire Research. FIREDOC is the on-line bibliographic database of this collection.

The FIREDOC Vocabulary List has been developed over a number of years. It reflects the FRIS holdings and the keywords are geared towards the needs of the users of this collection. The vocabulary was originally used to develop a small fire safety database for NASA/ASRDI (Aerospace Safety Research and Data Institute). A vocabulary list is a changing document, reflecting new research interests at the national and international level. The printed version is intended to be useful for searching and classification purposes, but it will not necessarily be identical with the computerized version of the FIREDOC vocabulary. The computerized version will constantly grow to reflect additions to the collection.

To assist you in using the List, we have expanded upon the symbol notations and chemical compounds. If you have any comments about the content or philosophy of the List, please contact the author.

SYMBOL NOTATION

The symbols which precede some of the words mean:

USE = The user is referred to the preferred term indicated. The keyword which is asterisked () is NOT a recommended keyword.

UF = Used For. The descriptor at the main entry is to be used for any keyword listed below this notation.

= refer to the generic term. If appropriate, use a more specific keyword. However, the keyword may be used if it is the best one for the document.

RT = refers to closely related keyword(s) which are conceptually different.

SA = refers to keyword(s) which have a close relationship to the main entry keyword.

BT = Broader Term. The keyword(s) represent a generically broader class than the main keyword.

NT = Narrower Term. It is the reverse meaning of `BT`.

All keywords are in natural language format. On occasion it has been necessary to differentiate the subtle meanings of one or more keywords. This has been accomplished by embedding a descriptive term in parentheses.

CHEMICAL COMPOUNDS

Use the standard (Chemical Abstracts) compound name when the name is 33 characters or less.

When there is a common abbreviation, enter the abbreviation but USE the full name.

Use an abbreviated form of a compound name that exceeds 33 characters in length. If there is no standard abbreviation, submit the name to Chemical Abstracts where one may be provided.

ACKNOWLEDGEMENTS

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-- A --

AATCC 34-1966	ACCELERANTS
AATCC 34-1969	ACCEPTABILITY
ABANDONMENT	*ACCEPTANCE USE ACCEPTABILITY
ABEL FLASH POINT APPARATUS	*ACCEPTANCE INSPECTION USE VERIFICATION INSPECTION
ABLATION	*ACCEPTANCE SAMPLING USE ACCEPTABILITY AND SAMPLING
*ABLATION HEAT USE HEAT OF ABLATION	*ACCEPTANCE TESTS USE ACCEPTABILITY
ABLATIVE MATERIALS	*ACCIDENT ANALYSES USE ACCIDENT INVESTIGATIONS
ABNORMAL PSYCHOLOGY	ACCIDENT INVESTIGATIONS
ABRASION RESISTANCE	ACCIDENT PREVENTION
ABRASION RESISTANT COATINGS	ACCIDENT PRONENESS
*ABRASIVE COATINGS USE ABRASIVES	ACCIDENT STATISTICS
ABRASIVES	ACCIDENTS
ABS PLASTICS	ACCOMMODATION COEFFICIENTS
*ABSOLUTE GRAVITY USE GRAVITY	ACCURACY
ABSORBERS (EQUIPMENT)	ACETAL COMPOUNDS
ABSORBERS (MATERIALS)	ACETALDEHYDE
ABSORPTANCE	ACETALS
#ABSORPTION	ACETATES
*ABSORPTION COEFFICIENT USE ABSORPTIVITY	*ACETATION USE ACETYLATION
*ABSORPTION HEAT USE HEAT OF ABSORPTION	ACETIC ACID
*ABSORPTIVE INDEX USE ABSORPTIVITY	ACETONE
ABSORPTIVITY	ACETYLATION

ACETYLENE	ADIABATIC EXPLOSIONS
ACID RESISTANCE	ADIABATIC FLAMES
#ACIDS	ADIABATIC FLOW
*ACOUSTIC COMBUSTION USE COMBUSTION STABILITY	ADIABATIC HEATING
ACOUSTIC PROPERTIES	ADSORPTION
ACOUSTIC SENSORS	*ADSORPTION HEAT USE HEAT OF ADSORPTION
ACROLEINS	ADSORPTIVITY
ACRYLAMIDES	ADULTS
ACRYLATES	ADVECTION
ACRYLIC RESINS	AERIAL EXPLOSIONS
ACRYLICS	AERIAL PHOTOGRAPHS
*ACRYLONITRILE-BUTADIENE-STYRENE USE ABS PLASTICS	AERODYNAMIC HEAT TRANSFER
ACRYLONITRILES	AERODYNAMIC HEATING
ACTIVATED CARBON	AERODYNAMICS
ACTIVATION ENERGY	AEROELASTICITY
*ACTIVATION HEAT USE ACTIVATION ENERGY	AEROGELS
ACUTE TOXICITY	AEROSOL AGGLOMERATION
ADD ON	AEROSOL COAGULATION
ADDITION RESINS	AEROSOL GENERATORS
ADDITIVES	AEROSOLS
ADHESION	AEROSPACE ACCIDENTS
ADHESIVES	AEROSPACE ENGINEERING
ADIABATIC COMPRESSION	AEROSPACE ENVIRONMENTS
	*AEROSPACE GROUND EQUIPMENT USE GROUND SUPPORT EQUIPMENT

AEROSPACE INDUSTRY	*AIR BLASTS
AEROSPACE MEDICINE	USE AERIAL EXPLOSIONS
*AEROTHERMOCHEMISTRY	AIR CIRCULATION
USE AEROTHERMODYNAMICS AND	AIR CLEANING SYSTEMS
THERMOCHEMISTRY	AIR COMPRESSORS
AEROTHERMODYNAMICS	AIR CONDITIONING
AEROTHERMOELASTICITY	AIR CONDITIONING EQUIPMENT
AEROZINES	AIR CONDUCTIVITY
AEROZINE 50	*AIR CONTENT
SA UNSYMMETRICAL DIMETHYLHYDRAZINE	USE AIR ENTRAINMENT
*AFTERBURNERS	AIR CURRENTS
USE AFTERBURNING	AIR CURTAINS
AFTERBURNING	AIR DUCTS
*AFTERCOOLERS	AIR ENTRAINMENT
USE COOLERS	AIR FLOW
AFTERGLOWS	*AIR-FUEL RATIO
AFTERWINDS	USE FUEL-AIR RATIO
AGENDA ROCKET VEHICLES	*AIR-GAS MIXTURES
#AGENTS	USE GAS-AIR MIXTURES
AGGLOMERATES	AIR INFLATED STRUCTURES
AGGREGATES	AIR LEAKAGE
RT CONCRETES	AIR MOVEMENT
AGING (MATERIALS)	AIR POLLUTION
AGING (METALLURGY)	AIR POLLUTION CONTROL EQUIPMENT
AGRICULTURAL PRODUCTS	AIR PURIFICATION
AGRICULTURE	AIR SAMPLING
AIR	

*AIR SPEED
USE AIR VELOCITY

AIR SUPPORTED STRUCTURES

AIR TANKERS

AIR TEMPERATURE

AIR TIGHTNESS

AIR TRAFFIC CONTROL

AIR TURBULENCE

AIR VELOCITY

AIRBORNE COMPUTERS

AIRBORNE EQUIPMENT

#AIRCRAFT

AIRCRAFT ACCIDENTS

*AIRCRAFT BREATHING APPARATUS
USE BREATHING APPARATUS

*AIRCRAFT CABINS
USE AIRCRAFT COMPARTMENTS

AIRCRAFT CARRIERS

AIRCRAFT COLLISIONS

AIRCRAFT COMPARTMENTS

AIRCRAFT CRASH EQUIPMENT

AIRCRAFT ENGINE OILS

AIRCRAFT ENGINES

AIRCRAFT FIRES

AIRCRAFT FUEL SYSTEMS

AIRCRAFT FUEL TANKS

AIRCRAFT FUELS

AIRCRAFT HANGERS

AIRCRAFT HAZARDS

AIRCRAFT HYDRAULIC FLUIDS

AIRCRAFT HYDRAULIC SYSTEMS

AIRCRAFT INTERIORS

AIRCRAFT LANDING

AIRCRAFT PANELS

AIRCRAFT PERFORMANCE

AIRCRAFT REPAIR

AIRCRAFT RESCUE

AIRCRAFT SAFETY

AIRCRAFT STRUCTURES

AIRFRAMES

*AIR PERMEABILITY
USE PERMEABILITY

AIRMAT

AIRPORTS

AIRWORTHINESS

ALARM RESPONSES

*ALARM SYSTEMS
USE FIRE ALARM SYSTEMS

ALCOHOL INTOXICATION

ALCOHOLS

ALDEHYDES

ALGORITHMS

ALIPHATIC ACIDS	ALUMINUM ALLOYS
ALIPHATIC COMPOUNDS	ALUMINUM CHLORIDES
ALKALI CHLORATES	ALUMINUM COMPOUNDS
ALKALI HALIDES	ALUMINUM HYDRIDES
#ALKALI METAL COMPOUNDS	ALUMINUM NITRATES
ALKALI METAL SALTS	ALUMINUM OXIDES
ALKALI METALS	ALUMINUM PERCHLORATES
ALKALI PEROXIDES	ALUMINUM SILICATES
ALKALI SILICATES	ALUMINUM SULFATES
ALKALINE EARTH METALS	AMAL TYPE FLAME ARRESTORS
ALKANES	AMBULANCES
ALKENES	AMBULATORY PEOPLE
ALKENYL RESINS	AMIDES
ALKYD RESINS	AMINES
ALKYL ESTERS	AMINO BENZENES
*ALKYL HALIDES	AMINO RESINS
USE HALOKANES	AMMONIA
ALKYLATION	AMMONIUM BROMIDES
ALKYNES	AMMONIUM CHLORIDES
ALLERGIC SENSITIVITY	AMMONIUM COMPOUNDS
#ALLOYS	AMMONIUM DIHYDROGEN PHOSPHATE
ALPHA CELLULOSE	AMMONIUM NITRATES
ALTITUDE	AMMONIUM PERCHLORATES
ALUMINIZED FABRICS	AMMONIUM PHOSPHATES
ALUMINUM	AMMONIUM SULFAMATES

AMMONIUM SULFATES	ANTISMOKE EQUIPMENT
AMMUNITION	ANTISOCIAL BEHAVIOR
AMUSEMENT FACILITIES	APARTMENTS
ANALOG COMPUTERS	APO-THPC
#ANALYSES	APOLLO PROJECT
ANALYTICAL STUDIES	APOLLO SPACECRAFT
ANECHOIC CHAMBERS	APOLLO 204
ANEMOMETERS	*APPARATUS
ANESTHETIC GASES	USE EQUIPMENT
ANHYDROGLUCOSES	*APPAREL
ANHYDROUS FUELS	USE GARMENTS
ANIDE (TRADEMARK)	APPLIANCES
ANIMALS	APPLICATION DENSITIES
ANILINE	APPLICATION RATE
ANOXIA	AQUEOUS FILMS
ANSI A17.1	AQUEOUS FOAMS
SA ELEVATORS (LIFTS)	ARAMIDS
ANSI A119.1	*ARC IMAGING FURNACE
ANSI Z88.5	USE ELECTRIC ARC FURNACES
SA BREATHING APPARATUS	ARC LAMPS
ANTIFOAMING AGENTS	ARCHITECTS
ANTIFREEZES	ARCHITECTURE
ANTIICING ADDITIVES	ARGON
ANTIMISTING FUELS	ARMORED PERSONNEL CARRIERS
ANTIMONY COMPOUNDS	AROMATIC ALCOHOLS
ANTIMONY OXIDES	*AROMATIC BROMIDES
	USE AROMATIC COMPOUNDS

-- A --

AROMATIC COMPOUNDS	ASTM E84
AROMATIC NYLON	ASTM E119
ARSON	ASTM E152
ARSON LABORATORY	ASTM E162
ARSONISTS	ASTM E906
ART GALLERIES	ASTRO VELCRO
ARTIFICIAL INTELLIGENCE	ATMOSPHERE CONTAMINATION CONTROL
*ARTIFICIAL RESPIRATION USE RESUSCITATION	*ATMOSPHERE POLLUTION USE AIR POLLUTION
ASA-3 FUEL ADDITIVE	#ATMOSPHERES
ASBESTOS	ATMOSPHERIC COMPOSITION
ASBESTOS CEMENT BOARD	ATMOSPHERIC CONDENSATION
ASHES	ATMOSPHERIC CONVECTION
ASPHALT	*ATMOSPHERIC IMPURITIES USE AIR POLLUTION
ASPHYXIA	ATMOSPHERIC PRESSURE
#ASSEMBLIES	ATMOSPHERIC TRANSMISSIVITY
ASSESSMENTS	ATMOSPHERIC TURBULENCE
ASTM D635	ATOMIC STRUCTURE
ASTM D757	*ATOMIZATION USE ATOMIZING
ASTM D1689	ATOMIZERS
ASTM D1692	ATOMIZING
ASTM D2843	ATRIUMS
ASTM D2859	ATTENUATION
ASTM D2863	ATTITUDE (INCLINATION)
ASTM E69	

-- A --

ATTITUDES	*AV TUR USE JP-1 JET FUEL
AUDIOVISUAL COMMUNICATIONS	
AUDITORY PERCEPTION	*AVCAT USE AIRCRAFT FUELS
AUDITORY STIMULATION	AVCERAM RS
AUTISM	*AVIATION FUELS USE AIRCRAFT FUELS
*AUTO-OXIDATION USE AUTOXIDATION	*AVIATION MEDICINE USE AEROSPACE MEDICINE
AUTOCATALYTIC REACTIONS	
AUTOIGNITION	AXIAL FLOW
AUTOIGNITION TEMPERATURE	AXISYMMETRIC JETS
AUTOIGNITION TEMPERATURE TESTS	AZIDES (ORGANIC)
AUTOMATIC DATA PROCESSING	
*AUTOMATIC DETECTORS USE FIRE DETECTORS	
AUTOMOBILE ACCIDENTS	
AUTOMOBILE FIRES	
AUTOMOBILES	
AUTOMOTIVE FUELS	
AUTOPSY	
AUTOXIDATION	
AV GAS	
AV GAS 115/145	
*AV PIN USE JET FUELS	
*AV TAG USE JP-4 JET FUEL	

B-25 AIRCRAFT	BEDROOMS
B-58 AIRCRAFT	BEDS (FURNITURE)
BACKFIRES	BEHAVIOR
BAFFLES	BEHAVIOR MODELS
*BAKING SODA USE SODIUM BICARBONATE	BELLS
BALANCE BEAMS	BELT CONVEYORS
BALL BEARINGS	BELTS
BANKS (BUILDINGS)	BENDING
BAREX (TRADEMARK)	BENZENE
BARGES	BENZENESULFONIC ACID
BARIUM	BENZHYDRYLATION
BARIUM CHLORIDES	BENZONITRILE
BARRIER ANALYSIS	BENZYL ALCOHOLS
BARRIERS	BERTHING COMPARTMENTS SA SHIPS
BASE HEATING	BERYLLIUM
BASES (CHEMICAL)	BERYLLIUM HYDRIDE
*BATTERIES USE ELECTRIC BATTERIES	BETA FIBERGLAS
BATTING	BIBLIOGRAPHIES
*BCF USE BROMOCHLORODIFLUOROMETHANE SA HALON 1211	BIMOLECULAR REACTIONS
#BEAMS	BINDERS
BEARINGS	BIODEGRADABILITY
BECKMAN GC-4 GAS CHROMATOGRAPH	#BIOLOGY
BEDDING	BIOT METHOD
	BIPHENYL

*BIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

BISMUTH

BITUMENS

BLACK BODY

BLADDER FUEL TANKS

BLANKETS

BLAST EFFECTS

BLAST HAZARDS

BLAST INJURIES

BLAST PRESSURES

BLAST RESISTANT STRUCTURES

BLASTS

BLEACHING AGENTS

BLENDS (FIBERS)

BLEVE

BLINDNESS

BLISTERS

BLOCKING

BLOOD PRESSURE

BLOW TORCHES

BLOWOUT FIRES

BLUNT BODIES

BOARD AND CARE HOMES

BOARDS

BOATS

BOEING 707 AIRCRAFT

BOEING 727 AIRCRAFT

BOEING 737 AIRCRAFT

BOEING 747 AIRCRAFT

BOILERS

*BOILING LIQUID EXPANDING VAPOR
EXPLOSION
USE BLEVE

BOILING POINT

BOLOMETERS

BOMB FUSES

BOMBS (ORDNANCE)

BONDING

#BONDS

BOOSTERS

BOOTS

BORANES

BORAX

BORIC ACID

BORON

BORON COMPOUNDS

BORON NITRIDES

BOUNDARY LAYER COMBUSTION

BOUNDARY LAYERS

BOUSSINESQ APPROXIMATION

-- B --

*BOYLES LAW
USE IDEAL GAS LAW

*BRANCH LINE
USE SPRINKLER SYSTEMS

*BRANCH PIPES
USE NOZZLES

BRANCHED CHAIN EXPLOSIONS

BRANCHED CHAIN REACTIONS

BRAZIL

BREAKAWAY VALVES

#BREATHING

BREATHING APPARATUS

BRICKS

BRIDGES (STRUCTURES)

BROMINATED EPOXY RESINS

BROMINATION

BROMINE

BROMINE COMPOUNDS

BROMOCHLORODIFLUOROMETHANE
SA HALON 1211

*BROMOCHLOROMETHANE
USE CHLOROBROMOMETHANE
SA HALON 1011

BROMOCHLOROTRIFLUOROETHANE
SA HALOTHANE

BROMOETHANE

BROMOFORM

BROMOMETHANES

BROMOTRIFLUOROMETHANE
SA HALON 1301

BROWIAN MOTION

BRUSH FIRES

BS 229

BS 476

BS 3116

BS 4735

*BTM
USE BROMOTRIFLUOROMETHANE
SA HALON 1301

BUBBLES

#BUDGETS

*BUILDING
USE CONSTRUCTION

BUILDING BOARDS

BUILDING CODES

BUILDING COLLAPSE

BUILDING CONSTRUCTION

BUILDING DESIGN

BUILDING FIRES

BUILDING MANAGEMENT

BUILDING MATERIALS
SA CONSTRUCTION MATERIALS
INTERIOR FINISHES

BUILDING PAPERS

#BUILDINGS

BULK HANDLING

-- B --

BULK STORAGE

BULKHEADS

BUOYANCY

BUOYANT FLOW

BUOYANT PLUMES

BURN THERAPY

BURNERS

*BURNING
USE COMBUSTION

*BURNING INHIBITION
USE COMBUSTION INHIBITION

*BURNING PROCESS
USE COMBUSTION

BURNING RATE

BURNING TIME

BURNING VELOCITY

BURNOFF

BURNS (INJURIES)

BURNTHROUGH (FAILURE)

BURSTING

BUSES

BUTADIENE

BUTANES

BUTENES

BUTLER CHIMNEY TEST

BUTYL ALCOHOL

C-5 AIRCRAFT	CAMERAS
C-46 AIRCRAFT	CANDLES
C-82 AIRCRAFT	CAPACITANCE
C-97 AIRCRAFT	CAPACITANCE SPARKS
C-130 AIRCRAFT	CAPACITORS
C-131 AIRCRAFT	CAPILLARY FLOW
C-135 AIRCRAFT	CARBIDES
C-141 AIRCRAFT	CARBOHYDRATES
CAB-O-SIL	CARBON
CABIN ATMOSPHERES	CARBON COMPOUNDS
#CABINS	*CARBON DEPOSITS
CABLE TRAYS	USE COMBUSTION DEPOSITS
CABLES	CARBON DIOXIDE
CALCIUM	CARBON DIOXIDE LASER IGNITION
CALCIUM BORATES	CARBON DISULFIDE
CALCIUM CARBONATE	CARBON MONOXIDE
CALCIUM OXIDES	CARBON SULFIDES
CALCIUM SILICATE	CARBON TETRABROMIDE
*CALCULATING	CARBON TETRACHLORIDE
USE COMPUTATION	CARBON TETRAFLUORIDE
*CALCULATION	CARBONIZATION
USE COMPUTATION	CARBONYL COMPOUNDS
CALCULATORS	CARBOXYHEMOGLOBIN
CALIBRATING	CARBOXYLIC ACIDS
CALORIMETERS	CARBURETORS
CALORIMETRY	

CARD GAP TEST	CELLULOSE ACETATE
CARDIAC EFFECTS	CELLULOSE NITRATE
CARGO SHIPS	CELLULOSE
CARGO SPACE	CELLULOSIC FUELS
CARPET UNDERLAYS	CELLULOSIC MATERIALS
CARPETS	*CELLULOSICS
#CARRIERS	USE CELLULOSIC MATERIALS
#CARS	CEMENTS
CASE BONDED PROPELLANTS	CENTRAL NERVOUS SYSTEM
CASE HISTORIES	CENTRIFUGAL PUMPS
*CASE STUDY	CENTRIFUGES
USE CASE HISTORIES	CERAMIC COATINGS
CASUALTIES	CERAMIC NUCLEAR FUELS
CATALOGING	CERAMICS
CATALYSIS	CEREBRAL PALSY
CATALYSTS	CERTIFICATION
CATALYTIC COMBUSTION	CH-47 HELICOPTER
CATALYTIC OXIDATION	*CHAIN BRANCHING
*CAVITATION	USE BRANCHED CHAIN REACTIONS
USE CAVITATION FLOW	CHAIN BREAKING
CAVITATION FLOW	CHAIN CARRIERS
CEILING HEIGHT	CHAIN INITIATION
CEILINGS	CHAIN REACTIONS
CELLULAR MATERIALS	CHAIRS
CELLULAR PLASTICS	#CHAMBERS
CELLULAR STRUCTURE	CHANNEL FIRE TEST

CHAPMAN-JOUGET FLAME	*CHEMICAL EXTINGUISHERS
CHAPMAN-JOUGET THEORY	USE FIRE EXTINGUISHERS
CHAR	CHEMICAL FIRE FIGHTING
CHAR DEPTH	CHEMICAL FIXATION
CHAR FORMATION	CHEMICAL FOAMS
CHAR LENGTH	CHEMICAL INHIBITION
CHAR STRENGTH	*CHEMICAL KINETICS
CHARACTERIZATION	USE REACTION KINETICS
CHARCOAL FILTERS	CHEMICAL MIXING
CHARGED PARTICLES	CHEMICAL PLANTS
#CHARGES	CHEMICAL PROPERTIES
CHARRING	#CHEMICAL REACTIONS
CHARTS	CHEMICAL REACTORS
CHBA (GELLING AGENT)	CHEMICAL STABILITY
CHECK VALVES	CHEMILUMINESCENCE
CHEMICAL AGENTS	CHEMISORPTION
CHEMICAL ANALYSIS	#CHEMISTRY
CHEMICAL BONDS	CHEMONUCLEAR PROPULSION
CHEMICAL BURNS	CHEMOTHERAPY
CHEMICAL CHAIN REACTIONS	CHEMOX (TRADENAME)
CHEMICAL COMPOSITION	CHILDREN
CHEMICAL ENGINEERING	RT FEMALES
CHEMICAL EQUILIBRIUM	HUMAN BEINGS
CHEMICAL EXPLOSIONS	MALES
	CHILDRENS DRESSES
	CHILDRENS SLEEPWEAR
	*CHIMNEY EFFECTS
	USE STACK EFFECT

CHIMNEYS	CINEMATOGRAPHY
CHIPBOARD	CIRCUIT BREAKERS
CHLORIDES	CIRCUIT PROTECTION
CHLORIDE SALTS	#CIRCUITS
CHLORINATION	CIRCULAR CYLINDERS
CHLORINE	CIRCULATION
CHLORINE COMPOUNDS	CIRCULATORY SYSTEM
CHLORINE DIOXIDE	CIVIL DEFENSE
CHLORINE FLUORIDES	CIVIL DISTURBANCES
CHLORINE OXIDES	CIVIL TRANSPORT
CHLORIORETINAL BURNS	CLADDING
CHLOROBROMETHANE SA HALON 1011	CLASS A FIRES
CHLOROFORM	CLASS B FIRES
*CHLOROMETHANE USE METHYL CHLORIDES	CLASS C FIRES
CHLOROPENTAFLUOROETHANE SA HALON 251	CLASS D FIRES
CHLOROPRENE	#CLASSIFICATIONS
CHLOROSULFONIC ACID	CLATHRATES
CHLOROTRIFLUOROETHYLENE	CLEAN ROOM FIRES
CHROMATOGRAPHY	*CLEAN-UP USE CLEANING
*CHRONOLOGY USE HISTORIES	CLEANING
CIGARETTE TEST METHOD	CLEANING AGENTS
CIGARETTES	CLIMATE
CINDERS	CLOSED ECOLOGICAL SYSTEMS
	CLOSED LOOP BREATHING APPARATUS

*CLOTH
USE FABRICS

CLOTHES DRIERS

CLOTHING

CLOTHING BURNS

CLOTHING FIRES

COAGULATION

COAL DUSTS

COAL MINES

COAL STORAGE

COAL TAR DISTILLATES

*COATED ABRASIVES
USE ABRASIVES

*COATING MATERIALS
USE COATINGS

COATING PROCESSES

*COATING TYPES
USE COATINGS

COATINGS

COAXIAL CABLES

COBALT ALLOYS

*CODES (STANDARDS)
USE STANDARDS

CODING

#COEFFICIENTS

COGNITION

COHESION

COLD SURFACES

*COLLEGES
USE UNIVERSITIES

COLLISION AVOIDANCE

#COLLISIONS

COLLOIDAL PROPELLANTS

COLLOIDS

COLOR

COLORLED NOMEX FABRICS

COLUMNS

COMBUSTIBILITY

COMBUSTIBLE LIQUIDS

COMBUSTIBLE MATERIALS
SA FLAMMABLE MATERIALS

COMBUSTIBLE SOLIDS
SA FLAMMABLE SOLIDS

COMBUSTIBLE SYSTEMS

COMBUSTIBLES

COMBUSTION

COMBUSTION AEROSOLS

COMBUSTION CHAMBERS

*COMBUSTION CHARACTERISTICS
USE COMBUSTION

COMBUSTION CHEMISTRY

COMBUSTION CONTROL

COMBUSTION DEPOSITS

COMBUSTION EFFICIENCY

COMBUSTION ENGINES	COMBUSTION VIBRATION
COMBUSTION GASES	COMBUSTION WAVE VIBRATION
*COMBUSTION HEAT USE HEAT OF COMBUSTION	COMBUSTION WAVES
COMBUSTION INHIBITION	*COMBUSTORS USE COMBUSTION CHAMBERS
COMBUSTION INHIBITORS	COMFORT
*COMBUSTION INSTABILITY USE COMBUSTION STABILITY	COMMERCIAL AIRCRAFT
*COMBUSTION KINETICS USE COMBUSTION	COMMERCIAL AVIATION
COMBUSTION LIMITS	COMMERCIAL BUILDINGS
*COMBUSTION MECHANISMS USE COMBUSTION	*COMMISSION ON FIRE PREVENTION AND CONTROL USE NATIONAL COMMISSION ON FI PREVENTION AND CONTROL
COMBUSTION MODELS	COMMUNICATION CABLES
COMBUSTION PHYSICS	COMMUNICATION EQUIPMENT
*COMBUSTION PROCESSES USE COMBUSTION	COMMUNICATION NETWORKS
COMBUSTION PRODUCTS	COMMUNITY DISASTERS
COMBUSTION PROMOTERS	COMMUNITY RELATIONS
*COMBUSTION RATE USE BURNING RATE	COMPARISON
COMBUSTION STABILITY	COMPARTMENT FIRES
*COMBUSTION SUPPRESSION USE FIRE SUPPRESSION	COMPARTMENTS
COMBUSTION TEMPERATURE	COMPATIBILITY
COMBUSTION THEORY	COMPONENT SCREENING
*COMBUSTION TIME USE BURNING TIME	COMPOSITE MATERIALS
COMBUSTION TOXICITY	COMPOSITE PROPELLANTS
	*COMPOSITES USE COMPOSITE MATERIALS

COMPOSITION (PROPERTY)	CONDENSATION NUCLEI DETECTORS
#COMPOUNDS	CONDENSATION REACTIONS
COMPRESSED AIR	CONDUCTANCE
COMPRESSING	*CONDUCTING USE CONDUCTION
*COMPRESSION USE COMPRESSING	#CONDUCTION
COMPRESSIVE STRENGTH	CONDUCTIVE HEAT TRANSFER
COMPUTATION	#CONDUCTIVITY
COMPUTER GRAPHICS	CONE CALORIMETERS
COMPUTER MODELS	CONFERENCES
COMPUTER PROGRAMS	#CONFIGURATIONS
COMPUTER TYPOGRAPHY	*CONFLAGRATIONS USE FIRES
COMPUTERS	CONICAL BODIES
*COMPUTING USE COMPUTATION	CONNECTICUT
CONCENTRATES	CONSERVATION
CONCENTRATION (COMPOSITION)	CONSTANTS
CONCENTRATION FLUCTUATIONS	CONSTRUCTION
CONCENTRATION MEASUREMENT	#CONSTRUCTION MATERIALS
CONCENTRATION PROBES	CONSTRUCTION METHODS
CONCORDE AIRCRAFT	CONSUMER PROTECTION
CONCRETE BLOCKS	#CONTAINERS
CONCRETE DURABILITY	CONTAINMENT
CONCRETE SLABS	CONTAMINATION
CONCRETES RT AGGREGATES	CONTINUOUS SENSORS
	#CONTROL

CONTROL ROOMS	CORRECTIONAL INSTITUTIONS
CONTROLLED ATMOSPHERES	#CORRELATION
CONTROLLED BURNING	CORRIDOR TESTS
CONVAIR 580 AIRCRAFT	CORRIDOR TESTS, REDUCED SCALE
CONVAIR 880 AIRCRAFT	CORRIDOR TESTS, QUARTER SCALE
CONVECTION	CORRIDOR WALL LININGS
CONVECTION COUPLING	CORRIDORS
CONVECTIVE ENERGY	CORROSION
CONVECTIVE FLOW	CORROSION INHIBITION
CONVECTIVE HEAT TRANSFER	CORROSION RESISTANCE
*CONVENTIONS	COSMETIC PREPARATIONS
USE CONFERENCES	COST BENEFIT ANALYSIS
CONVEYORS	COST BENEFIT RATIOS
COOK OFF	*COST EFFECTIVENESS
COOL FLAMES	COSTS
COOLANOL 15	COTTON BATTING
COOLANTS	COTTON FABRICS
COOLERS	COTTON FIBERS
COOLING	COUCHES
COPOLYMERIZATION	RT CUSHIONS
COPOLYMERS	PILLOWS
COPPER	SEATS
CORK (MATERIALS)	COVERALLS
CORNER TESTS	CRACKING (FRACTURING)
CORNERS	CRASH FIRES
	CRASH INJURIES

CRASH LANDING	CRYOGENIC FLUIDS
CRASH SENSORS	CRYOGENIC ROCKET PROPELLANTS
CRASH TESTS	*CRYOGENIC TEMPERATURES USE CRYOGENICS
*CRASH VEHICLES USE AIRCRAFT CRASH EQUIPMENT	CRYOGENICS
CRASHWORTHINESS	CRYSTALLINITY
CRATERING	*CRYSTALLIZATION HEAT USE HEAT OF CRYSTALLIZATION
CREEP TESTS	CS-191
CRESOLS	CURING AGENTS
CREOSOTE	CURTAIN WALLS
CRIB BURNING	CURTAINS SA DRAPES
CRIB FIRES	CUSHIONS RT COUCHES PILLOWS SEATS
CRIBS	CYANAMIDES
CRITICAL HEATING PERIOD	CYANIDES
CRITICAL PARAMETERS	CYCLIC COMPOUNDS
CRITICAL PILE SIZE	CYCLIC KETONES
CRITICAL SOURCE ENERGY	CYCLIC SILOXANES
CRITICAL TEMPERATURE	CYCLOHEXANE
*CROPLANDS USE FARMLANDS	CYLINDRICAL BODIES
CROPS	
CROSS CORRELATION	
CROSS POLARIZATION	
CROSSLINKING	
CRYOGENIC EQUIPMENT	
CRYOGENIC FLUID STORAGE	

DACRON	DECENES
DAMAGE	DECELERATION
DAMAGE CONTROL	DECIBEL LEVELS
DAMKOHLER NUMBER	DECISION MAKING
DAMPERS	DECISION THEORY
*DANGER USE HAZARDS	DECOMPOSITION
DARCY'S LAW	*DECOMPOSITION HEAT USE HEAT OF DECOMPOSITION
DATA ANALYSIS	DECOMPOSITION PRODUCTS
DATA EDITING	DECOMPOSITION RATE
DATA PROCESSING	DECOMPRESSION
*DATA REDUCTION USE DATA ANALYSIS	DECOMPRESSION CHAMBERS
*DATA STORAGE USE INFORMATION STORAGE	DECONTAMINATION
DATABASES	DEEPSEATED FIRES
DC-7 AIRCRAFT	#DEFECTS
DC-8 AIRCRAFT	#DEFENSE
DC-9 AIRCRAFT	DEFLAGRATION
DEACTIVATORS	DEFORMATION
DEAFNESS	*DEGENERATION USE DEGRADATION
DEATH RT MORTALITY	DEGRADATION
DEBRIS	*DEGRADATION PRODUCTS USE DECOMPOSITION PRODUCTS
DEBRIS FIRES	DEGRADATIVE ISOMERIZATION
DECABROMODIPHENYL OXIDE	DEGREASING
DECANES	DEHYDRATION

#DELAY

*DELAY TIME
USE TIME LAG

DELPHI METHOD

DELTRIN (TRADEMARK)

DELUGE SYSTEMS

DEMAND TYPE APPARATUS
BT SELF-CONTAINED BREATHING
APPARATUS

DENSITY EFFECTS

DEPARTMENT STORES

DEPOLYMERIZATION

#DEPOSITS

*DEPRESSURIZATION
USE PRESSURE REDUCTION

#DESIGN

DESIGN APPLICATIONS

*DESIGN OF EXPERIMENTS
USE EXPERIMENTAL DESIGN

*DESTRUCTION
USE LOSSES AND/OR CASUALTIES

#DETECTION

DETECTION TIME

DETECTOR LOCATION

DETECTOR SENSITIVITY

#DETECTORS

DETERGENTS

*DETERIORATION
USE DEGRADATION

*DETERMINATIONS
USE MEASUREMENT

DETONABILITY LIMITS

DETONABLE GAS MIXTURES

DETONATION

DETONATION TRAPS

DETONATION WAVES

DETONATORS

DEVELOPMENTALLY DISABLED

#DEVICES

*DIABATIC PROCESSES
USE HEAT TRANSFER

DIAMETERS

DIAMINES

DIAMINOPHOSPHINYLTIAZINE

DIAMMONIUM PHOSPHATES

DIAPHRAGMS

DIATOMACEOUS EARTH

DIBORANE

DIBROMODIFLUOROMETHANE
SA HALON 1202

DIBROMOTETRAFLUOROETHANE
SA HALON 2402
SA FLUOBRENE B-2

DICHLORODIFLUOROMETHANE
SA HALON 122

DICHLOROFLUOROMETHANE	DILUENT GASES
DICHLOROMETHANE	DILUENTS
DICHLOROTETRAFLUOROETHANE SA HALON 242	DILUTION
DICTIONARIES	DIMENSIONAL STABILITY
DIELECTRIC MATERIALS	DIMENSIONLESS NUMBERS
DIELECTRIC PROPERTIES	DIMERIZATION
*DIELECTRIC STRENGTH USE DIELECTRIC PROPERTIES	DIMERS
DIENES	DIMETHYL FURAN
DIESEL ENGINES	DIMETHYL PHENOL
DIESEL EXHAUST	DIMETHYL PHOSPHORAMIDATES
DIETHYL ETHER	DIMETHYL PROPAL
DIETHYL PHOSPHORAMIDATES	DIMETHYL SULFOXIDE
#DIFFERENCES	DIMETHYLDIFLUOROSILANE
DIFFERENTIAL SCANNING	DIMETHYLHYDRAZINES
DIFFERENTIAL THERMAL ANALYSIS	DIOXANES
DIFFUSION	DIOXIMES
DIFFUSION COEFFICIENT	DIOXINS
DIFFUSION FLAMES	DIP TUBES
*DIFFUSION VELOCITY USE DIFFUSION COEFFICIENT	DIPHENYL ALKANES
DIFFUSIVITY	DIPHENYLAMINE
DIFLUOROETHYLENE	*DISABLED USE HANDICAPPED
DIHYDROXYACETONE	DISASTERS
DILATOMETRY	#DISCHARGE
	DISCHARGE PRESSURE

DISCHARGE RATE	DOORS
DISCOLORATION	DORMITORIES
DISINTEGRATION	DOSAGE
DISPATCH	DOSIMETERS
DISPERSIONS	*DOSIMETRY USE DOSIMETERS
*DISPERSOIDS USE DISPERSIONS	DOUBLE BASE ROCKET PROPELLANTS
DISPLACEMENT	DOW CORNING Q93-029 SILICONE
DISPOSABLES	DOW CORNING 20-103 SEALANT
DISSIPATION	DOW XD-7038.00 RESIN
*DISSIPATORS USE DISSIPATION	DOWNWASH
DISSOCIATION	DOWTHERM (TRADE NAME)
DISSOCIATION CONSTANTS	DRAIN-WASTE-VENT SYSTEM
DISSOCIATION ENERGY	DRAPES SA CURTAINS
*DISSOCIATION HEAT USE HEAT OF DISSOCIATION	DRESSES NT CHILDRENS DRESSES
#DISTANCES	*DRIERS USE DRYERS
DISTILLATION	DRILLING NT OFFSHORE DRILLING
DIVING ENVIRONMENTS	#DROP
DOC FF 3-71	DROP SIZE MEASUREMENTS
*DOCK FIRES USE PIER FIRES	DROP TESTS
*DOCUMENT STORAGE USE RECORDS STORAGE	DROPLETS
*DOMESTIC FUELS USE FUEL OILS	DROUGHT INDEX
DOOR CLOSURES	*DRUG THERAPY USE CHEMOTHERAPY

*DRUGS

USE MEDICATIONS

*DRY CHEMICAL AGENTS

USE DRY CHEMICALS

DRY CHEMICALS

DRY POWDERS

DRY SPRINKLER SYSTEMS

DRYERS

DRYING

DRYING RATE

DUCTS

DURABILITY

DURABLE PRESS FINISHES

DURETTE FABRICS

DUST

DUST EXPLOSIONS

*DWELLINGS

USE RESIDENTIAL BUILDINGS

DYEING

DYES

DYLITE (TRADEMARK)

DYNAFLEX (TRADEMARK)

DYNAMIC CHARACTERISTICS

DYNAMIC PROGRAMMING

*DYNAMIC PROPERTIES

USE DYNAMIC CHARACTERISTICS

DYNAMIC STABILITY

DYNAMIC TOXICITY TESTS

#DYNAMICS

DYNATHERM (TRADEMARK)

DYNEL (TRADEMARK)

EARTH ATMOSPHERE	ELECTRIC ARC FURNACES
*EARTHQUAKE RECORDERS USE SEISMOGRAPHS	ELECTRIC BATTERIES
EARTHQUAKE WARNING SYSTEMS	ELECTRIC CURRENT
EARTHQUAKES	ELECTRIC HEATERS SA HEATERS
EASE OF IGNITION TESTER	ELECTRIC MOTORS
*ECOLOGICAL SYSTEMS USE ECOLOGY	ELECTRIC SPARKS
ECOLOGY	ELECTRIC WIRE
ECONOMIC FACTORS	ELECTRICAL BURNS
ECONOMIC MODELS	ELECTRICAL CIRCUITRY
*ECS	ELECTRICAL CODES
USE ENVIRONMENTAL CONTROL SYSTEMS	*ELECTRICAL CONDUCTIVITY USE ELECTRICAL RESISTIVITY
EDGES	ELECTRICAL EQUIPMENT
*EDP	ELECTRICAL EQUIPMENT FIRES
USE AUTOMATIC DATA PROCESSING	ELECTRICAL FAULTS
EDUCATION SA TRAINING	ELECTRICAL FIRES
EFFECTIVENESS	ELECTRICAL HAZARDS
#EFFECTS	ELECTRICAL INSULATION
EFFUSION	ELECTRICAL MEASUREMENT
EGRESS	ELECTRICAL POTENTIAL
EJECTION SEATS	ELECTRICAL PROPERTIES
ELASTIC PROPERTIES	ELECTRICAL RESISTANCE
*ELASTICITY USE ELASTIC PROPERTIES	ELECTRICAL RESISTIVITY
ELASTOMERS	ELECTRICAL SHOCK
ELDERLY PERSONS	ELECTROCHEMISTRY

ELECTROENCEPHALOGRAPHY	EMULSIONS
ELECTROMAGNETIC ABSORPTION	ENANT (TRADEMARK)
ELECTROMAGNETIC PROPERTIES	*ENCAPSULATING USE POTTING
ELECTROMAGNETIC WAVES	*ENCAPSULATING RESINS USE POTTING COMPOUNDS
ELECTRON CAPTURE	ENCLOSURES
ELECTRON ENERGY	*END PRODUCTS USE COMBUSTION PRODUCTS
ELECTRON OPTICS	ENDOGENOUS FIRES
*ELECTRON TEMPERATURE USE ELECTRON ENERGY	ENDOTHERMIC FUELS
ELECTRONIC COMPONENT RELIABILITY	ENDOTHERMIC REACTIONS
*ELECTRONIC DATA PROCESSING USE AUTOMATIC DATA PROCESSING	#ENERGY
ELECTRONICS	ENERGY DISTRIBUTION
ELECTROSTATIC CHARGES	*ENERGY RELEASE RATE USE ENERGY TRANSFER
ELEVATOR CALL BUTTONS	ENERGY SOURCES
ELEVATOR SHAFTS	ENERGY TRANSFER
ELEVATORS (LIFTS)	ENFORCEMENT
EMERGENCIES	#ENGINEERING
EMERGENCY PLANS	#ENGINES
EMISSION SPECTRA	ENSOLITE (TRADEMARK)
EMISSION SPECTROSCOPY	ENTHALPY
#EMISSIONS	ENTRAINMENT
EMISSIVITY	ENTROPY
EMISSIVITY MEASUREMENT	ENVIRONMENT MODELS
EMULSIFIED FUELS	ENVIRONMENT SIMULATORS
EMULSIFYING AGENTS	

ENVIRONMENTAL BIOLOGY	*ETHYL ALCOHOL USE ETHANOL
ENVIRONMENTAL CONTROL SYSTEMS	
ENVIRONMENTAL EFFECTS	ETHYL AMINE
ENVIRONMENTAL ENGINEERING	*ETHYL BROMIDE USE BROMOETHANE
#ENVIRONMENTS	ETHYL CELLULOSE
EPILEPSY	ETHYL PROPYL KETONE
EPOXIDES	ETHYLENE
EPOXY RESINS	ETHYLENE COMPOUNDS
EQUATIONS	ETHYLENE DIHYDRAZINE
EQUATIONS OF STATE	ETHYLENE GLYCOL
#EQUILIBRIUM	ETHYLENE GLYCOL MONOMETHYL ETHER
EQUILIBRIUM CONSTANTS	ETHYLENE OXIDE
#EQUIPMENT	EUROKA FIRE
EQUIPMENT DESIGN	EUROPE
EQUIPMENT REPLACEMENT	EVACUATING (TRANSPORTATION)
ERGONOMICS	EVACUATION
EROSION	EVACUATION TIME
#ESCAPE	EVALUATION
ESCAPE MEANS	EVAPORATION
ESSENCE F	EVAPORATION CONTROL
ESTERS	EVAPORATION COOLING
ETHANE	EVENT LOGIC TREE
ETHANOL	EXCELSIOR
ETHERS	EXHAUST DETECTION
	EXHAUST EMISSIONS

EXHAUST FLAMES	EXPERIMENTAL DESIGN
EXHAUST GASES	EXPERIMENTS
*EXHAUST JETS	EXPERT SYSTEMS
USE EXHAUST GASES	EXPLODING WIRES
EXHAUST NOZZLES	EXPLOSIBILITY INDEX
*EXHAUST STACKS	EXPLOSION DAMAGE
USE CHIMNEYS	EXPLOSION DETECTION
EXHAUST SYSTEMS	EXPLOSION EFFECTS
EXHAUST VALVES	*EXPLOSION GASES
EXHAUST VELOCITY	USE COMBUSTION PRODUCTS
*EXHAUSTERS	EXPLOSION HAZARDS
USE EXHAUST SYSTEMS	EXPLOSION LIMITS
EXHAUSTING	EXPLOSION SUPPRESSION
EXHAUSTION	EXPLOSION VESSELS
#EXHAUSTS	EXPLOSIONS
EXIT SIGNS	*EXPLOSIVE GASES
#EXITS	USE FLAMMABLE GASES
EXOGENOUS FIRES	EXPLOSIVE YIELD
EXOTHERMIC REACTIONS	EXPLOSIVES
EXPANDABLE STRUCTURES	EXPOSED CEILINGS
EXPANDED CLAY AGGREGATES	EXPOSURE
*EXPANDED PLASTICS	EXPOSURE TIME
USE CELLULAR PLASTICS	EXPYROL E (TRADE NAME)
EXPANDED SHALE AGGREGATES	EXTERNAL BLAST
EXPANSION	EXTINCTION
*EXPERIMENTAL ANIMALS	EXTINCTION TIME
USE ANIMALS	

-- E --

*EXTINGUISHER SYSTEMS
USE FIRE EXTINGUISHERS

*EXTINGUISHERS
USE FIRE EXTINGUISHERS

EXTINGUISHING

EXTINGUISHMENT

EXTINGUISHMENT TIMES

EXTRATERRESTRIAL ENVIRONMENTS

EXTRATERRESTRIAL RADIATION

EXTRAVEHICULAR ACTIVITY

EYE INJURIES

EYE PROTECTION

EYE WITNESS TESTIMONY

F-86 AIRCRAFT	FATIGUE (BIOLOGY)
F-89J AIRCRAFT	FATIGUE (MATERIALS)
F-102 AIRCRAFT	FAULT TREES
F-105 AIRCRAFT	FC-77
F-106 AIRCRAFT	FC-194
FABRIC CONSTRUCTION	*FE 1301
FABRIC FLAMMABILITY	USE HALON 1301
FABRIC FLAMMABILITY TESTING	FEDERAL AVIATION ADMINISTRATION
FABRIC WEIGHT	FEDERAL TRADE COMMISSION
FABRICS	FELDSPAR
FACE PROTECTION	FELT
#FACILITIES	FELTS
*FACTORIES	FEMALES
USE INDUSTRIAL PLANTS	UF WOMEN
	RT CHILDREN
	HUMAN BEINGS
	MALES
#FACTORS	FENCES
FAILURE	FERTILIZERS
FAILURE ANALYSIS	*FFACTS
FAILURE MODES	USE FLAMMABLE FABRICS ACCIDENT
FAILURE RATES	CASE AND TESTING SYSTEM
FALLOUT	*FIBER GLASS
FALSE ALARMS	USE GLASS FIBERS
FARM STORAGE	FIBER INSULATING BOARDS
FARMLANDS	FIBER OPTICS
FASTENERS	FIBERBOARDS
*FATALITY RATE	FIBERGRAX CERAMIC FIBER
USE CASUALTIES	FIBERS

#FILAMENTS

FILLERS

FILM COOLING

FILM THICKNESS

#FILMS

FILTERS

FINISHES (FABRICS)

FINITE DIFFERENCE THEORY

FIRE ALARM SYSTEMS

*FIRE ALARMS

USE FIRE ALARM SYSTEMS

FIRE BARRIERS

FIRE BEHAVIOR

FIRE BOATS

FIRE BRANDS

FIRE BREAKS

*FIRE BRIGADES

USE FIRE DEPARTMENTS

FIRE CHEMISTRY

FIRE CODES

*FIRE CONTROL

USE FIRE SUPPRESSION

FIRE DAMAGE

FIRE DAMAGE PREDICTION

FIRE DAMPERS

FIRE DANGER RATING

FIRE DATA

*FIRE DEFENSE

USE FIRE PROTECTION

FIRE DEPARTMENTS

FIRE DETECTION

FIRE DETECTION SYSTEMS

FIRE DETECTORS

FIRE DOORS

FIRE DRILLS

FIRE DURATION

FIRE ECOLOGY

FIRE EMERGENCY PLANNING

FIRE ENDURANCE

FIRE ENDURANCE RATING

FIRE ENDURANCE TESTS

*FIRE ENGINES

USE FIRE FIGHTING VEHICLES

*FIRE EXTINCTION

USE FIRE SUPPRESSION

*FIRE EXTINGUISHANTS

USE FIRE EXTINGUISHERS OR
FIRE EXTINGUISHING AGENTS

FIRE EXTINGUISHERS

FIRE EXTINGUISHING AGENTS

FIRE EXTINGUISHMENT

SA FIRE SUPPRESSION

FIRE FATALITIES

FIRE FIGHTERS

FIRE FIGHTING	FIRE MASTER (TRADEMARK)
FIRE FIGHTING AIRCRAFT	FIRE MEASUREMENTS
*FIRE FIGHTING CHEMICALS USE CHEMICAL AGENTS	FIRE MODELS
FIRE FIGHTING EQUIPMENT	*FIRE PHYSICS USE COMBUSTION PHYSICS
FIRE FIGHTING TRAINING	*FIRE PLANNING USE PREFIRE PLANNING OR FIRE EMERGENCY PLANNING
FIRE FIGHTING VEHICLES	FIRE PLUMES
*FIRE FREQUENCY USE FIRE STATISTICS	FIRE POINT
FIRE GASES	FIRE PREDICTION
FIRE GROWTH	FIRE PREVENTION
FIRE HAZARD DISTANCES	*FIRE PROPAGATION USE FIRE SPREAD
FIRE HAZARDS	FIRE PROTECTION
FIRE HAZARDS ASSESSMENT	FIRE PROTECTION ENGINEERING
FIRE HOSES	*FIRE PROTECTIVE CLOTHING USE PROTECTIVE CLOTHING
*FIRE HOUSE EQUIPMENT USE FIRE FIGHTING EQUIPMENT	FIRE PUMPS
FIRE HYDRANTS	FIRE REPORTING
FIRE INCIDENCE	FIRE RESEARCH
FIRE INSURANCE	*FIRE RESEARCH LABORATORIES USE FIRE RESEARCH ORGANIZATIONS
FIRE INVESTIGATIONS	FIRE RESEARCH ORGANIZATIONS
FIRE INVESTIGATORS	FIRE RESEARCH SAFETY ACT-1968
FIRE LOAD	FIRE RESEARCH STRATEGIES
FIRE LOSSES	FIRE RESISTANCE RATING
FIRE MAPPING	FIRE RESISTANCE TESTING
FIRE MASS	

FIRE RESISTANCE TESTS	FIRE SPREAD
FIRE RESISTANT COATINGS	FIRE SPREAD TESTS
FIRE RESISTANT CONSTRUCTION	FIRE STATISTICS
FIRE RESISTANT FLUIDS	FIRE STATISTICS
FIRE RESISTANT MATERIALS	FIRE STORMS
FIRE RESISTANT WOOD	FIRE SUPPRESSION
FIRE RETARDANT COATINGS	FIRE TESTS
FIRE RETARDANT MATERIALS	*FIRE TUBE TESTS USE ASTM E69-50
FIRE RETARDANT TESTING	FIRE WALLS
FIRE RETARDANT TESTS	*FIRE WHIRLS USE FLAME WHIRLS
FIRE RETARDANT TREATMENTS	FIREBALLS
FIRE RETARDANTS	*FIREBALLS (NUCLEAR BURST) USE NUCLEAR FIREBALLS
*FIRE RETARDATION USE FIRE SUPPRESSION	*FIREBOXES USE COMBUSTION CHAMBERS
*FIRE RISK USE FIRE DANGER RATING OR FIRE HAZARDS	FIREBRICK
FIRE SAFETY	FIRECLAYS
FIRE SAFETY EVALUATION SYSTEM	FIREPAC 360 (TRADEMARK)
FIRE SCIENCE	FIREPLACES
FIRE SEASONS	*FIREPROOF MATERIALS USE FIRE RESISTANT MATERIALS
*FIRE SERVICE USE FIRE DEPARTMENTS	*FIREPROOFING USE FLAMEPROOFING
FIRE SEVERITY	#FIRES
FIRE SIMULATION	FIRESETTERS
*FIRE SIZE USE FIRE SPREAD	FIREWIRE TRIPLE FD (TRADEMARK)

FIREWORKS ACCIDENTS	FLAME EXTINGUISHMENT
FIREX (TRADEMARK)	FLAME EXTINGUISHMENT LIMITS
FIRST AID	FLAME FLICKER
FIRST AID KITS	FLAME FRONTS
FISSION CHAMBERS	FLAME HEIGHT
FISSION PRODUCTS	FLAME HOLDERS
*FISSION REACTORS USE NUCLEAR REACTORS	FLAME IMPINGEMENT
FISSIONABLE MATERIALS	*FLAME INHIBITION USE FLAME EXTINGUISHMENT
FISSIUM	FLAME INTENSITY
FIXED FIRE PROTECTION SYSTEMS	FLAME INTERACTION
FLAMBEAU OPERATION	FLAME IONIZATION
*FLAME AGENTS USE FLAMMABLE MATERIALS	FLAME IONIZATION DETECTORS
FLAME ARRESTORS	*FLAME LENGTH USE FLAME SIZE
FLAME CHEMISTRY	FLAME LUMINOSITY
FLAME CONTACT TEST	FLAME MODELS
FLAME CONVECTORS	FLAME OPTICS
FLAME CORONA	FLAME PERTURBATION
FLAME DEFLECTORS	FLAME PHOTOMETRY
FLAME DETECTORS	FLAME PHYSICS
FLAME EMISSIVITY	FLAME PLASMAS
FLAME EQUATIONS	FLAME PROBES
*FLAME EXTINCTION USE FLAME EXTINGUISHMENT	FLAME PROPAGATION
*FLAME EXTINCTION LIMITS USE FLAME EXTINGUISHMENT LIMITS	*FLAME QUENCHING USE FLAME EXTINGUISHMENT

FLAME RADIATION	FLAME THROUGH
FLAME RESEARCH	FLAME TRAPS
FLAME RESISTANCE	FLAME VELOCITY
FLAME RESISTANCE RATING	FLAME VIBRATIONS
FLAME RESISTANCE TESTS	FLAME WHIRLS
FLAME RESISTANT COATINGS	FLAMELESS COMBUSTION
FLAME RESISTANT FABRICS	FLAMEOUT
FLAME RESISTANT FIBERS	FLAMEOVER
FLAME RESISTANT FLUIDS	FLAMEPROOFING
FLAME RESISTANT MATERIALS	#FLAMES
*FLAME RESISTANT TEXTILES USE FLAME RESISTANT FABRICS	FLAMMABILITY
FLAME RETARDANT TREATMENTS	FLAMMABILITY LIMITS
FLAME RETARDANTS	FLAMMABILITY MEASUREMENTS
FLAME SIZE	FLAMMABILITY TESTING
FLAME SPECTRA	FLAMMABILITY TESTS
FLAME SPECTROSCOPY	FLAMMABLE FABRICS
FLAME SPEED	FLAMMABLE FABRICS ACCIDENT CASE AND TESTING SYSTEM
FLAME SPREAD	FLAMMABLE FABRICS ACT
FLAME SPREAD RATE	FLAMMABLE GASES
FLAME SPREAD TEST	FLAMMABLE LIQUIDS
FLAME STABILITY	FLAMMABLE MATERIALS SA COMBUSTIBLE MATERIALS
FLAME STRUCTURE	FLAMMABLE SOLIDS SA COMBUSTIBLE SOLIDS
FLAME TEMPERATURE	FLANGE GAPS
FLAME THEORY	

FLARES	FLIGHT SIMULATORS
FLASH BLINDNESS	FLIGHT TESTS
FLASH BURNS	FLOODING
FLASH FIRES	FLOOR COVERINGS
FLASH HEATING	FLOORING RADIANT PANEL TEST
FLASH PHOTOLYSIS	FLOORING TILES
FLASH POINT	FLOORS
FLASH POINT APPARATUS	#FLOW
FLASH POINT TESTING	FLOW FIELDS
FLASH PYROLYSIS	FLOW MEASUREMENT
FLASH VAPORIZATION	FLOW RATE
FLASHBACK	FLOW RESISTANCE
FLASHOVER	FLOW VISUALIZATION
*FLAWS	FLOX
USE DEFECTS	FLUE DUSTS
FLEXIBILITY	FLUE GASES
FLEXIBLE FOAMS	FLUES
#FLICKER	FLUID DYNAMICS
FLIGHT CLOTHING	FLUID FLOW
FLIGHT CONDITIONS	#FLUIDS
FLIGHT DATA RECORDERS	FLUOBRENE B-2
FLIGHT HAZARDS	SA HALON 2402
FLIGHT INSTRUMENTS	SA DIBROMOTETRAFLUOROETHANE
FLIGHT SAFETY	FLUOREL
FLIGHT SIMULATION	FLUORESCENCE
	FLUORESCENT QUENCHING

FLUORIDE COMPOUNDS	FOAM EXTINGUISHING SYSTEMS
FLUORIDES	FOAM GENERATION
FLUORINATED ACIDS	FOAM LAMINATED FABRICS
FLUORINATED ELASTOMERS	FOAM (MATERIALS)
FLUORINATED OLEFINS	FOAM STABILITY
FLUORINATION	FOAM STABILIZERS
FLUORINE	*FOAMED MATERIALS
FLUORINE COMPOUNDS	USE FOAM (MATERIALS)
FLUORINE DETECTORS	FOAMGLAS (TRADENAME)
*FLUORINE-LIQUID OXYGEN	FOAMING AGENTS
USE FLOX	FOG
FLUOROAROMATIC ETHERS	FOUNTS
FLUOROCARBONS	FOOT COVERINGS
FLUOROHYDROCARBONS	FORCED CONVECTION
FLUOROPROTEIN FOAMS	FORCED IGNITION
FLUROSILICONES	FORECASTING
FLUXMETERS	FOREST FIRES
FLY ASH	FORESTRY
FM3 (FUEL MIST INHIBITOR)	FORMALDEHYDE
FM4 (FUEL MIST INHIBITOR)	*FORMATION HEAT
#FOAM	USE HEAT OF FORMATION
FOAM BARRIERS	FORMIC ACID
FOAM BREAKDOWN	FORMULATIONS
FOAM DRAINAGE	45 DEGREE TESTS
FOAM EXPANSION	FOURIER ANALYSIS
	FP-70

FRACTAL DIMENSIONS
FREE BURNING FIRES
FREE CONVECTION
FREE ENERGY
FREE MOLECULAR REGIME
FREE RADICALS
*FREON C-318
 USE HALON C-48
FREON E-8
*FREON 11
 USE HALON 113
*FREON 12
 USE HALON 122
*FREON 12B1
 USE HALON 1211
*FREON 13B1
 USE HALON 1301
*FREON 113
 USE HALON 233
*FREON 114
 USE HALON 242
*FREON 114B2
 USE HALON 2402
*FREON 115
 USE HALON 251
*FREON 116
 USE HALON 26
*FREON 1301
 USE HALON 1301
*FREONS
 USE HALONS

FRICTION
FRICTION REDUCTION
FRICTION SPARKS
FROUDE NUMBER
FS 65-3 JET FUEL
FUEL ADDITIVES
FUEL-AIR INTERFACES
FUEL-AIR MIXTURES
FUEL-AIR RATIO
FUEL BEDS
FUEL CELLS
FUEL COMBUSTION
FUEL CONTAMINATION
FUEL DROPLET SUSPENSIONS
FUEL DROPLETS
FUEL ELEMENTS
FUEL EMISSION
FUEL FILTERS
FUEL FIRES
FUEL FLOW RATE
FUEL FOG
FUEL GEOMETRY
FUEL INJECTION
FUEL JETTISONING
FUEL LOAD

FUEL OILS	FURNACES (CONSOLE)
FUEL PRESSURE	FURNITURE
FUEL PYROLYSIS	FURNITURE CALORIMETERS
FUEL SAFETY	FUSELAGES
*FUEL SLOSH USE LIQUID FUEL MOTION	FUSES
FUEL SPILLS	*FUSION HEAT USE HEAT OF FUSION
FUEL SPRAYS	FWWR FINISHES
FUEL STORAGE	FYPRO
*FUEL STORAGE TANKS USE FUEL TANKS AND STORAGE TANKS	FYROL (TRADEMARK)
FUEL SYSTEMS	
FUEL TANKS	
*FUEL VIBRATION USE LIQUID FUEL MOTION	
FUEL VOLATILITY	
*FUELING USE REFUELING	
FUELING HOSES	
FUELS	
*FULL SCALE FIRE TESTS USE LARGE SCALE FIRE TESTS	
FUMES	
FURAN	
FURFURAL	
FURFURAL ALCOHOL	
FURNACES	

G-1 AIRCRAFT	GAS HEATERS
*GAGES	GAS IONIZATION
USE MEASURING INSTRUMENTS	GAS-LIQUID INTERACTIONS
GALBESTOS (TRADEMARK)	GAS-METAL INTERACTIONS
GAME THEORY	GAS MIXTURES
GAMMA IRRADIATION	*GAS PHASES
GARAGES	USE VAPOR PHASES
GARMENT CONSTRUCTION	GAS PRESSURE
GARMENTS	GAS PURGING
GAS-AIR MIXTURES	GAS REACTIONS
GAS ANALYSIS	GAS SAMPLES
GAS APPLIANCES	GAS STORAGE
GAS BURNERS	GAS TEMPERATURE
GAS CHROMATOGRAPHY	GAS TURBINE ENGINES
GAS COMPOSITION	#GASES
GAS CONSTANTS	GASIFICATION
GAS DETECTORS	GASOLINE
GAS DISCHARGES	GELGARD
GAS DISSOCIATION	GELLED FUELS
GAS DYNAMICS	GELLED JET ENGINE FUELS
GAS EXPANSION	GELLED PROPELLANTS
GAS EXPLOSIONS	GELLED ROCKET PROPELLANTS
GAS FILTERS	GELLING
GAS FLOW	GELLING AGENTS
GAS-GAS INTERACTIONS	GELS

-- G --

GEMINI PROJECT	GLYCOLS
GEMINI SPACECRAFT	GOGGLES
#GENERATION	GOVERNMENT BUILDINGS
GEODESY	#GRADIENTS
GEOLOGY	GRAIN (WOOD)
GEOMAGNETISM	GRAPHITE
GEOMETRY	GRAPHS (CHARTS)
GEOPHYSICS	GRASHOF NUMBER
GEORGIA	GRASSLANDS
GLASS	GRAVEL
GLASS FABRICS	GRAVIMETERS
GLASS FIBERS	GRAVIMETRY
GLASS REINFORCED POLYESTER RESINS	GRAVINER PROTECTION SYSTEM
GLASS SCREENS	*GRAVITATION
GLAZING MATERIALS	USE GRAVITY
*GLOSSARIES	GRAVITATIONAL EFFECTS
USE DICTIONARIES	GRAVITATIONAL FIELDS
GLOVEBOX FIRES	GRAVITY
GLOVES	GRAYBODY RADIATION
GLUCOSANS	GREASES
GLUCOSES	GROUND FIRES
GLUCOSIDES	GROUND SUPPORT EQUIPMENT
GLYCERALDEHYDE	GROUND VEHICLES
GLYCEROLS	*GROUP HOMES
GLYCOLALDEHYDE	USE BOARD AND CARE HOMES
	GRP (POLYESTER)

-- G --

GRUMMAN TBM-3 AIRCRAFT

GUANIDINES

GUARD SERVICES

GUEST WORKERS

GYPSUM

-- H --

HABITABILITY	HALON 242
HAIR	SA DICHLOTETRAFLUOROETHANE
HALAR (TRADEMARK)	HALON 251
HALFWAY HOUSES	SA CHLOROPENTAFLUOROETHANE
HALIDES	HALON 1001
*HALLWAYS	SA METHYL BROMIDES
USE CORRIDORS	HALON 1011
HALOCARBON PLASTICS	SA CHLOROBROMOMETHANE
HALOGEN COMPOUNDS	HALON 1202
HALOGENATED ALKANES	SA DIBROMODIFLUOROMETHANE
HALOGENATED ALKOXIDES	HALON 1211
HALOGENATED COMPOUNDS	SA BROMOCHLORODIFLUOROMETHANE
HALOGENATION	HALON 1301
HALOGENS	SA BROMOTRIFLUOROMETHANE
HALOKANES	HALON 2402
HALON C-48	SA DIBROMOTETRAFLUOROETHANE
SA OCTAFLUOROCYCLOBUTANE	SA FLUOBRENE B-2
HALON 26	HALON 3800
SA HEXAFLUOROETHANE	HALONS
HALON 38	HALOTHANE
HALON 104	SA BROMOCHLOROTRIFLUOROETHANE
HALON 113	HAND (ANATOMY)
SA TRICHLOROFLUOROMETHANE	HANDBOOKS
HALON 122	HANDICAPPED
SA DICHLORODIFLUOROMETHANE	*HANDLING
HALON 233	USE MATERIALS HANDLING
SA TRICHLOROTRIFLUOROETHANE	HANGARS
	HARDBOARD
	HARDENING
	HARDNESS

HARDWOOD	HEAT DETECTORS
HAZARD ANALYSIS	*HEAT DISSIPATION USE COOLING OR HEAT LOSS
HAZARD ASSESSMENT	
HAZARDOUS MATERIALS	*HEAT EFFECTS USE TEMPERATURE EFFECTS
HAZARDOUS VAPORS	
#HAZARDS	HEAT EVOLUTION
HAZARDS CLASSIFICATION	*HEAT EXCHANGE USE HEAT TRANSFER
HAZARDS CONTROL	HEAT EXHAUSTION
HAZE	*HEAT FLOW USE HEAT TRANSMISSION
HEAD PROTECTION	HEAT FLUX
HEALTH CARE FACILITIES	*HEAT GAIN USE HEATING
HEALTH HAZARDS	
#HEAT	HEAT GENERATION
HEAT ABSORPTION	*HEAT INSULATION USE THERMAL INSULATION
HEAT BALANCE	
HEAT BUDGET	HEAT INTENSITY
*HEAT CAPACITY	HEAT LOSS
HEAT CONDUCTION USE HEAT TRANSMISSION OR CONDUCTIVE HEAT TRANSFER	HEAT OF ABLATION
*HEAT CONDUCTIVITY USE THERMAL CONDUCTIVITY	HEAT OF ABSORPTION
*HEAT CONTENT USE ENTHALPY	HEAT OF ACTIVATION
*HEAT CONVECTION USE CONVECTION	HEAT OF ADSORPTION
HEAT DETECTION	HEAT OF COMBUSTION
	HEAT OF CRYSTALLIZATION
	HEAT OF DECOMPOSITION
	HEAT OF DISSOCIATION

*HEAT OF EVAPORIZATION
USE HEAT OF VAPORIZATION

HEAT OF FORMATION

HEAT OF FUSION

HEAT OF HYDRATION

HEAT OF MIXING

HEAT OF PYROLYSIS

HEAT OF SOLUTION

HEAT OF SUBLIMATION

HEAT OF TRANSFORMATION

HEAT OF VAPORIZATION

HEAT OF WETTING

*HEAT RADIATION
USE THERMAL RADIATION

HEAT RECOVERY

HEAT RELEASE

HEAT RELEASE RATE

HEAT RESISTANT ALLOYS

HEAT RESISTANT COATINGS

HEAT RESISTANT MATERIALS

HEAT RESISTANT PLASTICS

*HEAT SENSITIVE DETECTORS
USE HEAT DETECTORS

HEAT SENSITIVE PAINTS

*HEAT SENSORS
USE HEAT DETECTORS

HEAT SHIELDING

HEAT SINKS

HEAT SOURCES

HEAT STORAGE

HEAT STRESS

*HEAT TESTS
USE HIGH TEMPERATURE TESTS

HEAT TRANSFER

HEAT TRANSFER FLUIDS

HEAT TRANSMISSION

HEATERS
SA GAS HEATERS

HEATING

HEATING EQUIPMENT

HEATING ZONE

HEAVY WATER

*HEF (HIGH ENERGY FUELS)
USE HIGH ENERGY FUELS

HELICOPTERS

HELIPORTS

HELIUM

HELIUM FIRES

HEMICELLULOSE

HEPTANES

HERBICIDES

HETEROCYCLIC COMPOUNDS

HETERODISPERSE SPRAYS

HETEROGENEOUS COMBUSTION	*HIGH TEMPERATURE ALLOYS
HETEROGENEOUS DETONATION	USE HEAT RESISTANT ALLOYS
HETEROGENEOUS GAS REACTIONS	HIGH TEMPERATURE ENVIRONMENTS
HETEROGENEOUS MIXTURES	HIGH TEMPERATURE GASES
HETRON 72	HIGH TEMPERATURE LIQUIDS
HETRON 92	HIGH TEMPERATURE MATERIALS
HETRON 197	HIGH TEMPERATURE PLASMAS
HETRON 353	HIGH TEMPERATURE TESTS
HEXAFLUOROETHANE	HIGHWAYS
SA HALON 26	HISTOLOGY
HEXAFLUOROPROPENE	HISTORIC BUILDINGS
*HEXAFLUOROPROPYLENE	HISTORIES
USE FLUOROHYDROCARBONS	HLT-15 IGNITION TEST
HEXALDEHYDE	HOLLOW METAL
HEXANEDIONE	HOLLOW SPHERES
HEXANES	HOLOGRAPHIC INTERFEROMETRY
HH-53C HELICOPTER	HOME ACCIDENTS
HI-EX FOAM	HOME FIRES
HIGH DENSITY FOAMS	HOMES FOR THE AGED
HIGH ENERGY FUELS	HOMES FOR THE HANDICAPPED
HIGH EXPANSION FOAMS	HOMODISPERSE MISTS
HIGH PRESSURE	HOMOGENEOUS CATALYTIC ADDIVITES
HIGH RISE BUILDINGS	HOMOGENEOUS COMBUSTION
HIGH SPEED PHOTOGRAPHY	HOMOGENEOUS GAS REACTIONS
HIGH TEMPEATURE	HOMOGENEOUS MIXTURES

HOMOGENEOUS TURBULENCE	*HOUSE FIRES
HONEYCOMB STRUCTURES	USE HOME FIRES
HOPCALITE (TRADEMARK)	HOUSING
HORNS	HT-1 (DUPONT FIBER)
*HOSE ASSEMBLIES (FIRE)	HULL INSULATION
USE FIRE HOSES	*HUMAN ACTIONS
*HOSE REELS	USE HUMAN RESPONSE
USE FIRE HOSES	HUMAN BEHAVIOR
HOSES	HUMAN BEINGS
SA FIRE HOSES	*HUMAN ENGINEERING
HOSPITAL FIRES	USE HUMAN FACTORS ENGINEERING
HOSPITALS	*HUMAN FACTORS
HOT AIR JETS	USE HUMAN FACTORS ENGINEERING
HOT BODIES	HUMAN FACTORS ENGINEERING
HOT BOTTLE EXTINGUISHERS	HUMAN PERFORMANCE
*HOT GAS SYSTEMS	HUMAN RESPONSE
USE HIGH TEMPERATURE GASES	HUMIDITY
*HOT GASES	*HVAC
USE HIGH TEMPERATURE GASES	USE HEATING AND VENTILATION
HOT PARTICLES	AND AIR CONDITIONING
*HOT PLASMAS	HYBRID PROPELLANTS
USE HIGH TEMPERATURE PLASMAS	*HYDRANTS
HOT SURFACES	USE FIRE HYDRANTS
HOT WIRE ANEMOMETERS	HYDRATION
HOT WIRE ANEMOMETRY	*HYDRATION HEAT
HOT WIRES	USE HEAT OF HYDRATION
HOTELS	HYDRAULIC FLUIDS
HOUGHTO-SAVE 1055	HYDRAULIC JETS
	HYDRAZINES

*HYDRAZINE-UMDH MIXTURE
USE AEROZINES

HYDRAZINES

HYDROBROMIDES

HYDROCARBON COMBUSTION

HYDROCARBON DETECTION

HYDROCARBON FUELS

HYDROCARBON MEASUREMENT

HYDROCARBON OXYGENATION

HYDROCARBONS

HYDROCHLORIC ACID

HYDRODYNAMICS

HYDROFOIL CRAFT

HYDROGEN

HYDROGEN-AIR MIXTURES

HYDROGEN BROMIDE

*HYDROGEN CHLORIDE
USE HYDROCHLORIC ACID

HYDROGEN CYANAMIDES

HYDROGEN CYANIDES

HYDROGEN DETECTORS

HYDROGEN FIRE BLINK DETECTOR

HYDROGEN FIRES

HYDROGEN FLUORIDES

HYDROGEN HALIDES

HYDROGEN-OXYGEN MIXTURES

HYDROGEN PEROXIDE

HYDROGEN SULFIDE

HYDROLYSIS

HYDROMETHYL FURYL KETONE

HYDROXYAMINOPYRIMIDINE

*HYDROXYL COMPOUNDS
USE HYDROXYL RADICALS

HYDROXYL RADICALS

HYDROXYMETHYL

HYDROXYMETHYL CYCLOPENTANONE

HYDROXYMETHYL FURFURAL

HYPERBARIC ATMOSPHERES

HYPERBARIC CHAMBERS

HYPERBARIC MEDICINE

HYPERBARIC OXYGENATION

HYPERBARIC PRESSURE

HYPERGOLIC IGNITION

HYPERGOLIC ROCKET PROPELLANTS

HYPEROXIA

HYPERSONIC AIRCRAFT

HYPERSONIC HEAT TRANSFER

HYPERTHERMIA

HYPERVENTILATION

HYPOBARIC ATMOSPHERES

HYPOBARIC CHAMBERS

-- H --

HYPOXEMIA

HYPOXIA

IDEAL GAS LAW	IMPACT IGNITION
IGNITERS	IMPACT RESISTANCE
*IGNITING	IMPACT SENSITIVITY
USE IGNITION	IMPACT TESTING
IGNITION	IMPREGNATION
*IGNITION CIRCUITS	IMPURITIES
USE IGNITION SYSTEMS	IN SITU COMBUSTION
IGNITION DELAY	INCANDESCENCE
IGNITION HAZARDS	INCANDESCENT LAMPS
*IGNITION LAG	INCAPACITATION
USE IGNITION DELAY	INCENDIARY MIXTURES
IGNITION LIMITS	INCENDIARY PROJECTILES
*IGNITION MECHANISM	INCINERATOR EMISSIONS
USE IGNITION	INCINERATORS
IGNITION PREVENTION	INCLINED TESTS
*IGNITION PROCESS	INDEXES (DOCUMENTATION)
USE IGNITION	INDEXES (RATIOS)
IGNITION SOURCE	INDICATING INSTRUMENTS
IGNITION SOURCE DETECTION	INDUCED VOLTAGE
IGNITION SUPPRESSION	INDUCTION HEATING
IGNITION SYSTEMS	INDUCTION PERIOD
IGNITION TEMPERATURE	INDUCTIVE SPARKS
IGNITION TESTING	INDUSTRIAL ACCIDENTS
IGNITION THEORY	INDUSTRIAL APPLICATIONS
IGNITION TIME	INDUSTRIAL BUILDINGS
IMPACT	
IMPACT FLASH	

INDUSTRIAL FIRES	INFRARED DETECTORS
INDUSTRIAL FLUIDS	INFRARED EMISSION
INDUSTRIAL PLANTS	*INFRARED FIRE DETECTION USE INFRARED FIRE DETECTORS
INDUSTRIAL SAFETY	INFRARED FIRE DETECTORS
INDUSTRIAL TRAINING	INFRARED MAPPING
INDUSTRIAL WASTES	INFRARED PHOTOGRAPHY
INDUSTRIES	INFRARED RADIATION
INDUSTRY LIABILITY	INFRARED RADIOMETERS
INERT ATMOSPHERE	*INFRARED SENSORS USE INFRARED DETECTORS
INERT DUST	INFRARED SPECTROMETERS
INERT GAS QUENCHING	INFRARED SPECTROSCOPY
INERT GASES	INFRASCAN 400 (TRADEMARK)
INERTIA	INFRASTAT 200 (TRADEMARK)
INERTING	INHALATION
*INFLAMMABILITY USE FLAMMABILITY	INHALATION TOXICITY
*INFLAMMABILITY LIMITS USE FLAMMABILITY LIMITS	#INHIBITION
INFLATABLE DEVICES	INHIBITORS
INFLATABLE MATERIALS	INITIATING REACTION
INFLATABLE STRUCTURES	INJECTION
INFLATING	INJURIES
INFORMATION DISSEMINATION	INORGANIC SALTS
INFORMATION SCIENCE	INSPECTION
INFORMATION STORAGE	*INSTABILITY USE STABILITY
INFRARED ABSORPTION	

*INSTALLATION
 USE INSTALLING

INSTALLATIONS

INSTALLING

INSTITUTIONS

*INSTRUCTION MANUALS
 USE TRAINING MANUALS

INSTRUMENT DESIGN

*INSTRUMENTATION
 USE INSTRUMENTS

INSTRUMENTS

*INSULATING
 USE INSULATION

INSULATING BOARDS

INSULATING CEMENTS

INSULATING CONCRETES

INSULATING MATERIALS

INSULATING PLASTICS

INSULATION

INSULATION RESISTANCE

INSULATIVE PROPERTIES

INSURANCE

INTEGRATED CIRCUITS

#INTERACTIONS

INTERFACIAL TENSION

INTERFEROMETERS

INTERHALOGEN COMPOUNDS

INTERIOR FINISHES

INTERIOR FURNISHINGS

INTERLABORATORY EVALUATION

INTERMEDIATE CARE FACILITIES

INTERMEDIATE COMBUSTION PRODUCTS

INTERMOLECULAR POTENTIAL

INTERNAL BLAST

INTERNAL COMBUSTION ENGINES

INTERNAL PRESSURE

INTERNATIONAL STANDARDS ORG.

INTERSTITIAL SPACES

INTERVENTION

INTERVIEWING

INTUMESCENCE

INTUMESCENT COATINGS

*INTUMESCENT PAINTS
 USE INTUMESCENT COATINGS

INVENTIONS

INVERSE CONE METHOD

INVERSIONS

#INVESTIGATIONS

INVISCID FLOW

IODIDES

IODINATION

IODINE

IODINE COMPOUNDS	ISOCYTOSINE
IODOTRIFLUOROMETHANE	ISOMERS
IONIZATION	*ISOPENTANE USE PENTANES
IONIZATION CHAMBER DETECTORS	ISOPROPANOL
IONIZATION DETECTORS	ISOTHERMAL DETERIORATION
IONIZED GASES	ISOTHERMAL PROCESSES
IONIZED PARTICLE DETECTORS	ISOTHERMAL PYROLYSIS
IONIZING RADIATION	ISOTHERMS
IRON	ISOTOPE EFFECT
IRON ALLOYS	ISOTOPES
IRON ISOTOPES	ISOTROPIC TURBULENCE
IRON OXIDES	
IRRADIANCE	
#IRRADIATION	
IRREVERSIBLE PROCESSES	
IRRITANTS	
ISOAMYL ALCOHOL	
ISOBARS	
*ISOBUTANE USE BUTANES	
ISOBUTANOL	
ISOBUTYL ALCOHOL	
ISOBUTYLENE	
ISOCYANATES	
ISOCYANURATES	

-- J --

J-47 JET AIRCRAFT

JANNAF THERMOCHEMICAL DATA

JENTSCH TYPE IGNITION TESTER

JP-7 JET FUEL

JP-8 JET FUEL

JT-12 TURBOJET

*JET A

USE JP-1 JET FUEL

JET AERODYNAMICS

JET AIRCRAFT

*JET B

USE JP-4 JET FUEL

JET BLAST EFFECTS

JET ENGINE FUELS

JET ENGINES

JET ENTRAINMENT

JET FLAMES

JET FUEL NO. 640

JET FUELS

JET INDUCED FLOW

JET TRANSPORTS

#JETS

JETTISONING

JOISTS

JP-1 JET FUEL

JP-3 JET FUEL

JP-4 JET FUEL

JP-5 JET FUEL

JP-6 JET FUEL

KAOLINITE

KAPRON (TRADEMARK)

KAPTON (TRADEMARK)

KEL-F (TRADEMARK)

KERATIN PROTEIN FOAM

KERATINS

KERMAL (TRADEMARK)

*KERO B
USE AIRCRAFT FUELS AND
KEROSENE

KEROSENE

KETONES

KILN DRYING

KINDLING FUELS

KINETIC CONSTANTS

KINETICS

KITCHEN FIRES

KITS

KNITTED FABRICS

KOHJIN (TRADEMARK)

KOROTHERM (TRADEMARK)

KRYPTON

KRYPTONATES

KUKA WATER PROJECTOR

KYNAR (TRADEMARK)

KYNOL (TRADEMARK)

-- L --

L-1011 AIRCRAFT	LASER DOPPLER VELOCIMETRY
LABELLING	LASERS
#LABORATORIES	LATENT HEAT
*LABORATORY ANIMALS USE ANIMALS	LATEX
LACQUERS	LAUNCH TESTS
LACTIC ACID	LAUNCHING PAD ACCIDENTS
LADDERS	LAUNCHING PAD FIRES
LADICOTE	LAUNCHING PADS
*LAG USE TIME LAG	LAUNCHING SITES
LAMINAR BURNING	LAUNDERING
LAMINAR BURNING VELOCITY	LC-50
LAMINAR FLAME PROPAGATION	*LDV USE LASER DOPPLER VELOCIMETRY
LAMINAR FLAMES	LEAD COMPOUNDS
LAMINAR FLOW	LEAD (METAL)
LAMINAR HEAT TRANSFER	LEAK DETECTORS
LAMINAR JET FLAMES	LEAKAGE
LAMINAR MIXING	LEAN FLAMES
LAMINAR TURBULENT TRANSITION	LEATHER
*LAMINATED MATERIALS USE LAMINATES	LEGISLATION
LAMINATES	LENTICULAR BURNS
LAMPS	LETHAL CONCENTRATIONS
LANDING GEARS	LEVOGLUCOSAN
LARGE SCALE FIRE TESTS	LEVULINIC ACID
	LEWIS NUMBER

LEXAN (TRADEMARK)	LIGNOCELLULOSE
LIBRARIES	LIMESTONE
LICHTENBERG DISCHARGE	*LIMITING OXYGEN INDEX USE OXYGEN INDEX
LIFE (BIOLOGY)	#LIMITS
LIFE (DURABILITY)	LINE DETECTORS NT TWISTED WIRE LINE DETECTORS NT PULSED TRANSMISSION LINE DETECTOR
LIFE HAZARDS	LININGS
LIFE JACKETS	LINKED ORGANOSILOXANES
LIFE PROCESSES	LINKED POLYAMIDES
LIFE SAFETY	LIQUEFIED GASES
LIFE SAFETY CODE SA NFPA 101	LIQUEFIED NATURAL GAS
LIFE SUPPORT SYSTEMS	LIQUID AIR
LIFE TESTS	LIQUID ATOMIZATION
*LIFETIME (DURABILITY) USE LIFE (DURABILITY)	LIQUID BREATHING
LIGHT AIRCRAFT	LIQUID CARBON DIOXIDE
LIGHT EXTINCTION	LIQUID CRYSTALS
LIGHT SCATTERING	LIQUID EXPLOSIVES
LIGHT SCATTERING DETECTORS	LIQUID FIRES
LIGHT WATER	LIQUID FLOW
LIGHTING EQUIPMENT	LIQUID FLUORINE
LIGHTNING	LIQUID FUEL MOTION
LIGHTNING RODS	LIQUID FUELS
LIGHTWEIGHT AGGREGATES	LIQUID-GAS MIXTURES
LIGHTWEIGHT CONCRETES	LIQUID HELIUM
LIGNIN	

LIQUID HYDROGEN	LOADS (FORCES)
LIQUID METALS	LOGARITHMIC NORMAL DISTRIBUTION
LIQUID NITROGEN	LOGOS
LIQUID OXIDIZERS	LOPAC (TRADEMARK)
LIQUID OXYGEN	#LOSSES
*LIQUID PETROLEUM GAS USE LP GAS	LOW DENSITY FOAMS
LIQUID PHASES	LOW PRESSURE
LIQUID POTASSIUM	LOW PRESSURE FLAMES
LIQUID PROPANE	LOW TEMPERATURE
LIQUID PROPELLANTS	*LOX USE LIQUID OXYGEN
LIQUID ROCKET ADDITIVES	LP GAS
LIQUID ROCKET OXIDIZERS	LP 406B FLAME RESISTANCE TEST
LIQUID ROCKET PROPELLANTS	LUBRICANT ADDITIVES
LIQUID SODIUM	LUBRICANTS
LIQUID SPILLS	LUMBER
LIQUID SPRAYS	LUMBER YARDS
LIQUID SURFACES	LUMINESCENCE
#LIQUIDS	LUMINOMETER NUMBER
LITERATURE REVIEWS	LUMINOSITY
LITHIUM	LUMINOUS FLAMES
LITHIUM CHLORIDES	LUMINOUS INTENSITY
LIVING ROOMS	LUNAR MODULE
LOAD BEARING ELEMENTS	LUNAR SHELTERS
LOAD CAPACITY	

MACHINE TOOLS	MANAGEMENT SYSTEMS
MACHINERY	MANNED ORBITAL LABORATORIES
MAGAZINES (STORAGE)	*MANNED ORBITING LABORATORIES USE MANNED ORBITAL LABORATORIES
MAGIC ANGLE SPINNING	MANNEQUINS
MAGNESIUM	MANUAL CONTROL
MAGNESIUM ALLOYS	MANUALS
MAGNESIUM COMPOUNDS	MANUFACTURING
MAGNESIUM DIBROMOPROPYL PHOSPHATE	MAPPING
MAGNESIUM FIRES	MARAGING STEELS
MAGNESIUM FLUORIDES	MARINE TRANSPORTATION
MAGNESIUM OXIDE	#MASKS
MAGNESIUM OXYCHLORIDE CEMENT	MASONITE (TRADEMARK)
MAGNETIC STORMS	MASONRY
MAGNETIC TAPES	MASS BURNS
MAGNETOHYDRODYNAMIC STABILITY	MASS CONSUMPTION RATES
MAGNETOHYDRODYNAMICS	MASS FIRES
MAGNETOMETERS	MASS FLOW
MAINTENANCE	MASS FLUX
MALES	MASS LOSS
UF MAN	MASS OPTICAL DENSITY
RT CHILDREN	MASS SPECTROMETERS
FEMALES	MASS SPECTROSCOPY
HUMAN BEINGS	MASS TRANSFER
MAN MACHINE SYSTEMS	MASTICS
#MANAGEMENT	
MANAGEMENT ENGINEERING	
MANAGEMENT INFORMATION SYSTEMS	

MATCHES	MEDIUM EXPANSION FOAMS
MATERIAL PROPERTIES	*MEETINGS
#MATERIALS	USE CONFERENCES
MATERIALS ABSORPTION	MELAMINE
MATERIALS ADSORPTION	MELTING
MATERIALS FAILURE	MELTING POINT
MATERIALS HANDLING	MEMBRANE STRUCTURES
MATERIALS STORAGE	MEMBRANES
#MATERIALS TESTS	*MEN
MATHEMATICAL MODELS	USE MALES
MATTRESSES	MENTAL DISORDERS
*MB	MENTAL RETARDATION
USE METHYL BROMIDES	MERCAPTAN POLYMERS
MB-5 CRASH TRUCK	MERCERIZATION
#MEASUREMENT	MERCHANDISING
*MEASURING APPARATUS	MERCHANT VESSELS
USE MEASURING INSTRUMENTS	MERCURY PROJECT
MEASURING INSTRUMENTS	MERCURY SENSITIZED OXIDATION
MECHANICAL-ELECTRICAL CORES	MESITYLENE
MECHANICAL EQUIPMENT	MESOALDEHYDE
MECHANICAL FOAM	MET-L-X (TRADEMARK)
MECHANICAL PROPERTIES	METAL BONDING
MECHANISMS	METAL COATINGS
MEDICAL SERVICES	METAL COMBUSTION
MEDICATIONS	*METAL CORROSION
#MEDICINE	USE CORROSION

METAL DEACTIVATORS	METHANE
METAL DOORS	METHANOL
METAL FATIGUE	METHOCEL MC GELS
METAL FIRES	#METHODODOLOGY
METAL FOAMS	METHYL ACETATE
METAL FUELS	METHYL ACRYLATES
METAL HALIDES	*METHYL ALCOHOL USE METHANOL
METAL OXIDES	METHYL ALKANES
METAL POWDERS	METHYL BROMIDES SA HALON 1001
METAL PROPELLANTS	METHYL BUTENE
METAL SALTS	METHYL CHLORIDE
METAL VAPORS	METHYL COMPOUNDS
*METAL WHISKER REINFORCEMENT USE WHISKER COMPOSITES	METHYL ETHYL
*METALLIC TEXTILES USE FLAME RESISTANT FABRICS	METHYL ETHYL KETONE
#METALLURGY	METHYL FORMATE
#METALS	METHYL FURAN
*METEOR HAZARDS USE METEOROID HAZARDS	METHYL FURFURAL
METEOROID HAZARDS	METHYL HEPTANE
METEOROID PROTECTION	METHYL HEXANE
METEOROLOGY	METHYL IODIDE
*METERS USE MEASURING INSTRUMENTS	METHYL ISOBUTYL KETONE
*METHENAMINE PILL TEST USE PILL TEST (CARPETS)	METHYL NITRATE
	METHYL NONANE
	METHYL OCTANE

METHYL PENTANE	MINERAL WOOLS
METHYL PHENOL	MINERALS
METHYL PHOSPHONIC ACID	MINIMUM IGNITION ENERGY
METHYL VINYL KETONE	MINIMUM IGNITION ENERGY APPARATUS
METHYLATION	MINIMUM IGNITION PRESSURE
*METHYLENE CHLORIDE USE CHLOROMETHANES	MIRRORS
METHYLTRIFLUOROSILANE	MISSILE SYSTEMS
MEXICO	MIST
MICRO-QUARTZ	MIXING
MICROBURNER TESTS	*MIXING HEAT USE HEAT OF MIXING
MICROCIRCUIT COMPUTERS	#MIXTURES
MICROCOMPUTERS	MOBIL DTE 103
MICROLITE	MOBILE AIR BASES
*MICROPHOTOMETERS USE PHOTOMETERS	MOBILE HOME PARKS
MICROSCOPY	MOBILE HOMES
MICROWAVE SPECTROMETERS	MOBILE QUARANTINE FACILITY
*MIL-H-5606 USE HYDRAULIC FLUIDS	MOBILITY
*MIL-H-7808 USE AIRCRAFT ENGINE OILS	MODACRYLICS
MILITARY AIRCRAFT	MODEL FIRES
MILITARY FACILITIES	*MODEL TESTS USE MODEL STUDIES
MINE FIRES	MODEL STUDIES
MINE GASES	#MODELS
MINE VENTILATION	MODULAR HOMES
	MOISTURE

MOISTURE CONTENT	MORTALITY
MOISTURE EQUILIBRIUM	RT DEATH
MOISTURE INDEX	*MOTELS
MOISTURE REGAIN	USE HOTELS
	MOTIVATION
*MOL	*MOTOR FUELS
USE MANNED ORBITAL LABORATORIES	USE AUTOMOTIVE FUELS
MOLDING	MOTOR VEHICLE ACCIDENTS
MOLECULAR BEAMS	*MOTOR VEHICLE COLLISIONS
MOLECULAR DIFFUSION	USE MOTOR VEHICLE ACCIDENTS
MOLECULAR DISTILLATION	MOTOR VEHICLE FIRES
MOLECULAR EFFECTS	MOTOR VEHICLES
MOLECULAR REACTIONS	MOVING WIRE APPARATUS
MOLECULAR SIEVE	MULTIDIMENSIONAL FLOW
MOLECULAR STRUCTURE	MULTIFAMILY HOUSING
MOLECULAR WEIGHT	MULTIROOM FIRES
MOLTEN GLASS	MULTIVENTILATION OPENINGS
MOLYBDENUM	MUSEUMS
#MONITORS	
MONNEX (TRADEMARK)	
MONOMERS	
*MONOGRAMS	
USE NOMOGRAPHS	
*MONOMOLECULAR REACTIONS	
USE UNIMOLECULAR REACTIONS	
MONTE CARLO METHOD	
MORPHOLOGY	

NACA IGNITION DELAY APPARATUS	NERVOUS SYSTEM
NACELLE FIRES	NETS
NAPALM BOMBS	NEUTRON IRRADIATION
NAPTHA	NEWSPRINT
NARMCO FIBERCELL	NFPA 13
NASA PROGRAMS	NFPA 14
NATIONAL ANILINE GLOBULAR CF-TM11	NFPA 19A
NATIONAL COMMISSION ON FIRE PREVENTION AND CONTROL	NFPA 19B
NATIONAL COMMISSION ON MATERIALS POLICY	NFPA 72
NATIONAL FIRE ACADEMY	NFPA 72E
NATIONAL FIRE COMMISSION	NFPA 74
NATIONAL FIRE DATA SYSTEM	NFPA 101
NATIONAL FIRE PREVENTION AND CONTROL ACT	NFPA 251
NATIONAL FIRE RATING SYSTEM	NFPA 501B
NATURAL CONVECTION	NGTE IGNITION DELAY APPARATUS
NATURAL GAS	NICKEL ALLOYS
NATURAL RESOURCES	NIKE TEST FACILITY
NAVY SPECIAL FUEL OIL (NSFO)	NIMBUS 2 SATELLITE
NBS TOXICITY TEST METHOD	NITRATES
NEAT FUEL	NITRIC ACID
NEON	NITRIC OXIDE
NEOPENTANE	*NITROAROMATIC AMINES USE NITROAROMATIC COMPOUNDS
NEOPRENE (TRADEMARK) SA CHLOROPRENE	NITROAROMATIC COMPOUNDS
	*NITROCELLULOSE USE CELLULOSE NITRATE

NITROGEN	NONMETALLIC MATERIALS
NITROGEN DIOXIDE	NONWOVEN FABRICS
NITROGEN OXIDES	*NORMAL IGNITION USE IGNITION
NITROGEN POLYMERS	NOTES
NITROGEN TETROXIDE	NOZZLE DESIGN
NITROGEN TRIFLUORIDE	NOZZLE LOCATION
NITROGLYCERIN	NOZZLES
NITROMETHANE	*NSFO USE NAVY SPECIAL FUEL OIL
NITROUS OXIDES	NUCLEAR EXPLOSION DAMAGE
N-METHYLOL ACRYLAMIDE	NUCLEAR EXPLOSION EFFECTS
NOBLE METALS	NUCLEAR EXPLOSIONS
NOISE (SOUND)	NUCLEAR FIREBALLS
NOMEX FABRICS	NUCLEAR FUELS*
NOMOGRAPHS	NUCLEAR POWER PLANTS
NONCOMBUSTIBLES	NUCLEAR PROPULSION
NONCOMBUSTION	NUCLEAR REACTIONS
NONCOMBUSTION ZONE	NUCLEAR REACTOR ACCIDENTS
*NONCONDUCTORS USE ELECTRICAL INSULATION	NUCLEAR REACTOR FIRES
NONDESTRUCTIVE TESTS	NUCLEAR REACTOR SAFETY
NONENE	NUCLEAR REACTORS
NONIGNITION ZONE	NUCLEAR WAREFARE
NONISOTROPIC PROPAGATION	NUCLEAR WEAPONS
NONLUMINOUS FLAMES	NUCLEAR WINTER
NONMETALLIC COATINGS	NUCLEATION

-- N --

#NUMBERS

NUMERICAL ANALYSIS

NURSING HOMES

NURSING STAFF

NYLON (TRADEMARK)

NYLON 6 (TRADEMARK)

NYLON 7 (TRADEMARK)

NYLON 66 (TRADEMARK)

*NYLON RESINS

USE POLYAMIDE RESINS

OCCUPATIONAL HAZARDS	OILS
OCCUPATIONAL SAFETY AND HEALTH ACT	OILY MATERIALS
OCTAFLUOROCYCLOBUTANE SA HALON C-48	ONBOARD EQUIPMENT
OCTAFLUOROISOBUTYLENE	ONCOR (TRADEMARK)
OCTAFLUOROPROPANE	ONE DIMENSIONAL FLOW
OCTAMETHYLCYCLOTETRASILOXANE	OPACITY
#OCTANE	OPEN LOOP BREATHING APPARATUS
OCTANES	OPERATION BREAKTHROUGH
ODOR DISCRIMINATION	OPERATION EDITH
ODOR TESTS	OPERATION SCHOOL BURNING
ODORS	OPERATION TEAPOT
OFFGASSING SA OUTGASSING	OPERATIONAL HAZARDS
OFFICE BUILDINGS	OPERATIONS RESEARCH
OFFSHORE DRILLING RT DRILLING	OPTICAL DENSITY
OFFICE FURNITURE	OPTICAL DEPTH
OFFSHORE PLATFORMS	OPTICAL EMISSION SPECTROSCOPY
OIL ADDITIVES	*OPTICAL GENERATORS USE LASERS
OIL BURNERS	OPTICAL LINE SCANNERS
OIL FILMS	*OPTICAL MASERS USE LASERS
*OIL REFINERIES USE REFINERIES	OPTICAL MEASURING INSTRUMENTS
OIL STORAGE	OPTICAL PROPERTIES
*OIL TANKERS USE TANKER SHIPS	OPTICAL PYROMETERS
	*OPTICAL SENSORS USE OPTICAL MEASURING INSTRUMENT

*OPTICS OF FLAMES
USE FLAME OPTICS

ORGANIC BROMINE COMPOUNDS

ORGANIC HALIDES

ORGANIC LIQUIDS

ORGANIC PHOSPHORUS COMPOUNDS

ORGANOMETALLIC COMPOUNDS

ORLON (TRADEMARK)

OSMIUM

OSMOSIS

OTTO FUEL

OTTO FUEL 2

OUTDOOR STORAGE

OUTGASSING

OVENS

*OVERALLS
USE COVERALLS

OVERCURRENT

OVERHEATING

OVERPRESSURE

OXALATES

*OXIDANTS
USE OXIDIZERS

OXIDATION

#OXIDES

OXIDIZERS

*OXIDIZING AGENTS
USE OXIDIZERS

OXYACETYLENE

OXYGEN

OXYGEN ANALYZERS

OXYGEN ATMOSPHERE

OXYGEN CONCENTRATION

OXYGEN CONSUMPTION

*OXYGEN DEFICIENCY
USE HYPOXIA

*OXYGEN DETECTORS
USE OXYGEN ANALYZERS

OXYGEN DICHLORIDE

OXYGEN DIFLUORIDE

OXYGEN ENRICHED ATMOSPHERES

OXYGEN INDEX

OXYGEN INDEX TEST

OXYGEN MASKS

OXYGEN PRESSURE

OXYGEN TENTS

OXYGEN TOXICITY

OXYGENATION

OZONE

PACKAGING	PARTY WALLS
PACKING CONFIGURATION	PASSENGER TERMINALS
PACKINGS (SEALS)	PASSENGER TRAINS
PAD DRY CURE PROCESS	PASSENGER VEHICLES
PAINTED SURFACES	PASSIVE DEFENSE
PAINTS	PASSIVE METHODS
PALLET STORAGE	PATENTS
PANEL WALLS	PATHOLOGICAL EFFECTS
PANIC	PATHOLOGY
PAPER	PATIENTS
PARACHUTES	PATROLS
PARAFFINS	PBI (FABRICS)
#PARAMETERS	PELESPAN PAC (TRADEMARK)
PARQUET	PENETRATING RADIATION OXIDATION
PARSONS TABLES	PENETRATION
PARTIAL PRESSURE	PENSKY MARTENS APPARATUS
PARTICLE BOARDS	PENTABORANE
PARTICLE DENSITY (CONCENTRATION)	PENTABROMOTOLENE
PARTICLE SIZE	PENTAFLUOROCHLOROETHANE
PARTICLE SIZE DISTRIBUTION	PENTAFLUROETHANE
*PARTICLE TRACKS	PENTANES
USE PARTICLE TRAJECTORIES	PENTENE
PARTICLE TRAJECTORIES	PENTON (TRADEMARK)
#PARTICLES	PENTOLITE
PARTITIONS	PEOPLE MOVEMENT

PERFLUOROALKYLENE	PHENYLS
PERFLUOROBUTENE	PHOS-CHEK (TRADEMARK)
PERFLUOROCYCLOBUTANE	PHOSGARD 2NC-20 (TRADEMARK)
PERFLUOROISOBUTENE	PHOSGENE
PERFLUOROPROPENE	PHOSPHATE ROCK
PERFLUOROPROPYLENE	PHOSPHATES
PERFORMANCE EVALUATION	PHOSPHAZENE FOAMS
#PERIODS	PHOSPHINE OXIDES
PERLITE	PHOSPHITES
PERMEABILITY	PHOSPHONATE ESTERS
PEROXIDES	PHOSPHONITRILES
PERSONNEL EVACUATION	PHOSPHONIUM COMPOUNDS
PERSONNEL MANAGEMENT	PHOSPHORAMIDATES
PERT	PHOSPHORUS
*PETROL	PHOSPHORUS COMPOUNDS
USE GASOLINE	PHOSPHORUS ESTERS
PETROLEUM	PHOSPHORUS OXYCHLORIDE
PETROLEUM PRODUCTS	PHOSPHORYLATION
*PHASE CHANGES	PHOTOCATHODES
USE PHASE TRANSFORMATIONS	
PHASE TRANSFORMATIONS	*PHOTOCELLS
PHENOL FORMALDEHYDE	USE PHOTOELECTRIC CELLS
PHENOLIC FIBERS	PHOTOCHEMICAL OXIDATION
PHENOLIC NYLON COMPOSITES	PHOTOCHEMICAL REACTIONS
PHENOLIC RESINS	*PHOTOCHEMISTRY
PHENOLS	USE PHOTOCHEMICAL REACTIONS
	PHOTODECOMPOSITION

-- P --

PHOTODESTRUCTION	PIPELINES
PHOTOELECTRIC CELLS	PIPERIDINE
PHOTOELECTRIC DETECTORS	PIPES
PHOTOGRAPHY	PISTON ENGINES
PHOTOLYSIS	PITOT TUBE
PHOTOMETERS	PITTSBURGH CORNING 30/30 APPARATUS
PHOTOMETRY	*PKP USE PURPLE K
PHOTOMICROGRAPHS	*PL 93-498 USE NATIONAL FIRE PREVENTION AND CONTROL ACT
PHOTON DETECTORS	PLANETARY ATMOSPHERES
PHYSICAL FITNESS	PLANETARY RADIATION
PHYSICAL PROPERTIES	PLANNING
PHYSICS	#PLANTS PLANTS (BOTANY)
PHYSIOLOGICAL EFFECTS	*PLANTS (INDUSTRIES) USE INDUSTRIAL PLANTS
PHYSIOLOGY	PLASMA CHEMISTRY
PIER FIRES	PLASMA COMPOSITION
PIERS	PLASMA CONDUCTIVITY
PILL TEST (CARPETS) SA ASTM D2859	*PLASMA DISCHARGES USE PLASMA JETS
PILLOWS RT COUCHES CUSHIONS SEATS	PLASMA JETS
PILOT FLAME	PLASMA PROPULSION
PILOT IGNITION	PLASMAS (PHYSICS)
PIN SENSORS	PLASTER
PINE NEEDLE FUEL	
PIPE CHASES	

PLASTERBOARD	POLYACRYLATE RESINS
PLASTIC COATINGS	POLYACRYLATES
PLASTIC DUSTS	POLYACRYLONITRILE
*PLASTIC FILMS USE POLYMERIC FILMS	POLYALKYLENE
PLASTIC FIRES	POLYAMIDE RESINS
*PLASTIC FOAM USE CELLULAR PLASTICS	POLYAMIDES
*PLASTIC MATERIALS USE PLASTICS	POLYAMIDESPOLYAROMATIC RESINS
PLASTIC PROPELLANTS	POLYBENZIMIDAZOLE SA PBI (FABRICS)
PLASTICIZERS	POLYBENZYL
PLASTICS	POLYBUTADIENE
PLENUMS	POLYCARBONATES
PLEXIGLAS (TRADEMARK)	POLYCHLORINATED BIPHENYLS
PLUMBING	POLYCHLOROPRENE
PLUMES	POLYCHLOROTRIFLUOROETHYLENE
PLUTONIUM	POLYESTER BATTING
PLUTONIUM COMPOUNDS	POLYESTER RESINS
PLYWOOD	POLYESTERS
*PMMA USE POLYMETHYL METHACRYLATE	POLYETHERS
POISONS	POLYETHYLENE GLYCOL
POLLUTION	POLYETHYLENE OXIDE
POLY-X (TRADEMARK)	POLYETHYLENE TEREPHTHALATE
POLYACETAL	POLYETHYLENES
POLYACETYLENES	POLYIMIDES
	POLYISOBUTYLENE

POLYISOCYANATE	POLYSULFIDES
POLYISOCYANURATE FOAM	POLYSULFONES
POLYKETONE	POLYTETRAFLUOROETHYLENE SA TEFLON (TRADEMARK)
POLYMERIC FILMS	POLYURETHANE FOAMS
POLYMERIZATION	POLYURETHANE RESINS
#POLYMERS	POLYVINYL ACETATE
POLYMETHYL METHACRYLATE	POLYVINYL CHLORIDE
POLYMETHYLENE	POLYVINYL FLUORIDE
POLYMIDES	POLYVINYLIDENE CHLORIDE
POLYNUCLEAR AROMATIC HYDROCARBONS	POLYVINYLIDENE FLUORIDE.
POLYOLEFINS	POOL BURNING
POLYOLS	POOL FIRES
POLYOX (TRADEMARK)	POROUS FUEL BEDS
POLYOX FRA (TRADEMARK)	POROUS MATERIALS
POLYOXYMETHYLENE	POROUS SOLIDS
POLYOXYPROPYLENE	PORTABILITY
*POLYPHENYLENE OXIDE USE POLYOXYPROPYLENE	PORTLAND CEMENT
POLYPHOSPHOZONE FOAMS	PORTS (OPENINGS)
POLYPROPYLENE	POST TEST FIRE DAMAGE
POLYSACCHARIDES	POSTCRASH FIRES
POLYSILOXANES	POSTHEATING
POLYSTYRENE	POTABLE WATER
POLYSTYRENE FOAMS	POTASSIUM
POLYSTYRENE RESINS	POTASSIUM BICARBONATE RT PURPLE K

POTASSIUM BITARTRATE	PREFIRE PLANNING
POTASSIUM BROMIDES	PREFLAME PERIOD
POTASSIUM CARBAMATE	*PREHEAT ZONE
POTASSIUM CARBONATES	USE HEATING ZONE
POTASSIUM CHLORIDES	*PREHEATING
POTASSIUM FIRES	USE HEATING
POTASSIUM OXALATE	PREIGNITION
POTASSIUM OXIDES	PREIGNITION REACTION PRODUCTS
POTASSIUM SILICATES	PREMATURE OPERATION
POTASSIUM SULFATES	PREMIXED FLAMES
POTENTIAL HEAT	PRESSURE
POTTING	*PRESSURE CABINS
POTTING COMPOUNDS	USE PRESSURIZED CABINS
POWDER (PARTICLES)	PRESSURE DIFFERENTIAL
POWDERS	PRESSURE DROP
POWER LOSS	PRESSURE EFFECTS
POWER PLANTS	PRESSURE GRADIENTS
POWER SUPPLIES	PRESSURE MODELING
PRANDTL NUMBER	PRESSURE REDUCTION
PRECIPITATION (CHEMISTRY)	PRESSURE REGULATORS
PRECIPITATION (METEOROLOGY)	PRESSURE RISE
PRECOMBUSTION DEPOSITS	PRESSURE SUITS
PREDETONATION DISTANCE	PRESSURE VESSELS
PREDETONATION PERIOD	PRESSURIZATION
PREFABRICATED BUILDINGS	PRESSURIZED CABINS
	PRESSURIZED GASES

PRESSURIZING	PROPELLANT ADDITIVES
PRESTRESSED CONCRETES	PROPELLANT BINDERS
#PREVENTION	PROPELLANT COMBUSTION
PREVENTIVE MAINTENANCE	PROPELLANT OXIDIZERS
PRIMERS (COATINGS)	PROPELLANT STORAGE
PRINTOUTS	PROPELLANT TANKS
PRISONS	PROPELLANT TESTING
PROBABILITY	PROPELLANTS
PROBABILITY STATISTICS	PROPENE
PROBAN	#PROPERTIES
PROCEEDINGS	PROPERTY CLASSIFICATION
#PROCESSES	PROPORTIONING
PRODUCT DEVELOPMENT	PROPOSALS
PRODUCT INSPECTION	PROPULSION
PRODUCT SAFETY	PROPYLENE
#PRODUCTS	PROPYNE
PROFILES	PROSECUTION
PROJECT PLANNING	#PROTECTION
PROJECTILES	PROTECTIVE CLOTHING
PROMOTERS	PROTECTIVE COATINGS
PROPADIENE	PROTECTIVE MASKS
#PROPAGATION	PROTEIN FOAMS
PROPAGATION VELOCITY	PROTEINS
PROPANE	PROTOTYPES
PROPANOL	PSYCHOLOGICAL EFFECTS

PSYCHOLOGY	*PYROLYSIS HEAT
PUBLIC AWARENESS	USE HEAT OF PYROLYSIS
PUBLIC BUILDINGS	PYROLYSIS MODELS
PUBLIC OPINION	PYROLYSIS PRODUCTS
PULSATING DETONATIONS	PYROLYSIS RATE
PULSED TRANSMISSION LINE DETECTOR	*PYROLYSIS REACTIONS
BT LINE DETECTORS	USE PYROLYSIS
PUMICE	PYROLYSIS TEMPERATURE
PUMPER SPECIFICATIONS	PYROLYTIC GRAPHITE
PUMPERS	PYROLYTIC MATERIALS
#PUMPS	PYROMANIACS
PURGING	PYROMETALLURGY
PURPLE K	PYRODOME (TRADE NAME)
RT POTASSIUM BICARBONATE	PYROMETERS
*PURPLE K POWDER	*PYROMETRY
USE PURPLE K	USE TEMPERATURE MEASUREMENT
*PVC	PYROPHORIC IGNITION
USE POLYVINYL CHLORIDE	PYROPHORIC MATERIALS
PYRANOSE COMPOUNDS	PYROPHORIC METALS
PYRENE G-1 POWDER	PYROTECHNICS
PYRIDINES	PYROVATEX CP
PYRIMIDINES	PYRUVIC ACID
*PYROELECTRIC COEFFICIENT	
USE PYROELECTRICITY	
PYROELECTRICITY	
PYROHYDROLYSIS	
PYROLYSIS	

-- Q --

QUALITATIVE ANALYSIS

QUALITY CONTROL

QUANTITATIVE ANALYSIS

QUARTERPHENYL

QUARTZ

#QUENCHING

QUENCHING DIAMETER

QUENCHING DISTANCE

QUENCHING LIMITS

QUESTIONNAIRES

QUIESCENT ATMOSPHERES

QUINOXALINE COPOLYMER

RACEWAYS	RADIATION IGNITION
*RACK STORAGE USE PALLET STORAGE	RADIATION INJURIES
RADAR DETECTION	*RADIATION INSTRUMENTS USE RADIATION DETECTORS
RADIANT COOLING	RADIATION MEASUREMENTS
RADIANT ENERGY	RADIATION MEDICINE
RADIANT FLUX PROFILE	RADIATION MODELING
RADIANT HEATING	RADIATION PROTECTION
RADIANT PANEL TEST METHOD	RADIATION PYROMETERS
RADIATING GASES	RADIATION SHIELDING
#RADIATION	RADIATION WARNING SYSTEMS
#RADIATION ABSORPTION	RADIATIVE HEAT LOSS
*RADIATION ALARMS USE RADIATION WARNING SYSTEMS	RADIATIVE HEAT TRANSFER
RADIATION BELTS	*RADIATIVE TRANSFER USE RADIATIVE HEAT TRANSFER
*RADIATION BIOLOGY USE RADIOBIOLOGY	RADIO EQUIPMENT
RADIATION BURNS	*RADIO FREQUENCY MASS SPECTROMETRY USE MICROWAVE SPECTROMETERS
RADIATION CONVECTION INTERACTION	RADIO WAVES
RADIATION DAMAGE	RADIOACTIVE KRYPTON
RADIATION DETECTORS	RADIOACTIVE MATERIALS
RADIATION HAZARDS	RADIOACTIVE WASTES
RADIATION HEAT FLUX	RADIOBIOLOGY
*RADIATION HEAT TRANSFER USE RADIATIVE HEAT TRANSFER	RADIOCHEMICAL RELEASE
*RADIATION HEATING USE RADIANT HEATING	RADIOGRAPHY
	RADIOMETERS

-- R --

RAE IGNITION TESTER	REACTION ZONE
RAILROAD ACCIDENTS	#REACTIONS
RAILROAD FIRES	*REACTOR SAFETY USE NUCLEAR REACTOR SAFETY
RAILROAD SAFETY	*RECIPROCATING ENGINES USE PISTON ENGINES
RAILROAD TERMINALS	
RAILROADS	RECOMBINATION REACTIONS
RAINFALL	*RECOMPRESSION SYSTEM USE COMPRESSING
RAMP-LIKE STRUCTURES	RECORDS
RAMPS (STRUCTURES)	RECORDS MANAGEMENT
RARE GASES	RECORDS RESTORATION
RATE CONTROLLING REACTIONS	RECORDS STORAGE
*RATE OF REACTION USE REACTION RATE	#RECOVERY
RATE OF RISE DETECTORS	RECOVERY VEHICLES
#RATES	REENTRY VEHICLES
#RATINGS	REFINERIES
RAW MATERIALS	REFLECTANCE
RAYLEIGH LIGHT SCATTERING	*REFLECTIVITY USE REFLECTANCE
RAYLEIGH NUMBER	REFLECTOMETERS
RAYON	*REFRACTIVE INDEX USE REFRACTIVITY
REACTION KINETICS	REFRACTIVITY
*REACTION MECHANISMS USE REACTION KINETICS	REFRACTORIES
REACTION MODELS	REFRACTORY COATINGS
REACTION RATE	REFRACTORY MATERIALS
REACTION TIME	

REFRIGERANT-12	RESIDENTIAL BUILDINGS
REFRIGERATION	*RESIDENTIAL FIRES USE BUILDING FIRES AND RESIDENTIAL BUILDINGS
REFUELING	RESIDUAL DIFFERENCE
REFUGE	RESIDUAL FLAME TIME
REGRESSION RATE	RESIDUES
REGULATIONS	RESILIENCE
REHABILITATION	RESINS
*REHEATING USE HEATING	#RESISTANCE
*REIGNITION USE IGNITION	*RESISTIVITY USE ELECTRICAL RESISTIVITY
REINFORCED CONCRETES	RESONANCE TUBES
REINFORCED PLASTICS	RESOURCE ALLOCATION
#REINFORCEMENT	RESOURCES
REINFORCING FIBERS	RESPIRATION
RELIABILITY	RESPIRATORY SYSTEM
RELIEF DIAPHRAGMS	RESPONSE TIME
RELIEF VALVES	RESTAURANTS
REPRODUCIBILITY	RESTRAINT
RESIDUAL DIFFERENCE	RESUSCITATION
RESCUE	RETICULATED FOAMS
*RESCUE KITS USE SURVIVAL KITS	RETIMET (TRADEMARK)
RESCUE OPERATIONS	*RETINAL BURNS USE CHORIORETINAL BURNS
*RESEARCH CENTERS USE RESEARCH FACILITIES	RETRIEVAL TERMS
RESEARCH FACILITIES	

*REVIEWS

USE LITERATURE REVIEWS

REYNOLDS NUMBER

REYNOLDS NUMBER TRANSITION

RHEOLOGY

RHOVYL KNIT

REID VAPOR PRESSURE

RIGID FOAMS

RIOTS

#RISE

RISK ANALYSIS

RISK ASSESSMENT

RISK MANAGEMENT

RISKS

ROCKET EXHAUST

ROCKET ENGINES

ROCKET OXIDIZERS

*ROCKET PROPELLANT STORAGE

USE PROPELLANT STORAGE

ROCKET PROPELLANTS

ROCKS

ROHM AND HAAS XP2 SMOKE DENSITY TEST

ROOF VENTS

ROOFING (FINISHES)

*ROOFING MATERIALS

USE ROOFING (FINISHES)

ROOFS

ROOM BURNS

ROOM FIRES

ROOMS

ROVANA

ROXEL FABRICS

RP-1

RUBBER

RUBIDIUM

RUBIDIUM FIRES

*RUGS

USE CARPETS

*RULES

USE REGULATIONS

RUNWAY FOAMING

RUNWAYS

RURAL FIRES

RURAL POPULATION

-- S --

SAFE HANDLING	SATURATION
SAFE SEPARATION DISTANCE	SATURN 5 LAUNCH VEHICLES
SAFETY	SATURN VEHICLES
SAFETY CHECKLISTS	SAWDUST
SAFETY DEVICES	SCALDS
SAFETY ENGINEERING	SCALE (CORROSION)
SAFETY EVALUATION	SCALE EFFECT
SAFETY FACTORS	SCALE MODELS
SAFETY FUELS	SCALE (RATIO)
*SAFETY HAZARDS USE HAZARDS	SCALES (WEIGHT)
SAFETY LAMPS	SCALING
*SAFETY MEASURES USE SAFETY	SCALING LAWS
*SAFETY RULES USE SAFETY STANDARDS	SCENARIOS
SAFETY STANDARDS	SCHLIEREN PHOTOGRAPHY
SALT COATED SURFACES	SCHLYTER PANEL TESTS
SALT WATER	SCHOOLS
#SALTS	SCORCHING
SALVAGE	SCREAMING COMBUSTION
SAMPLING	SEA WATER
SAND	*SEALANTS USE SEALERS
SANDWICH PANELS	SEALERS
SARAN (TRADEMARK)	SEALS
SATEEN	SEAPORTS

-- S --

SEATS	SEPTIC TANKS
RT COUCHES	SERVICE MODULES
CUSHIONS	SERVICES
PILLOWS	SERVOCONTROL
SECOND STAGE FLAMES	*SH50 HYDRAULIC FLUID
SECOND STAGE IGNITION	USE HYDRAULIC FLUIDS
SEISMOGRAPHS	SHADOW PHOTOGRAPHY
SELF-CONTAINED BREATHING APPARATUS	SHAG CARPETS
NT DEMAND TYPE APPARATUS	SHALES
SELF-CONTROL	SHEAR STRESS
SELF-EXTINGUISHMENT	SHEATHED EXPLOSIVES
SELF-HEATING	SHEETING
*SELF IGNITION	SHEETS
USE AUTOIGNITION	SHELF LIFE
*SELF IGNITION TEMPERATURE	SHELTERS (FALLOUT)
USE AUTOIGNITION TEMPERATURE	SHIELDING
*SELF-OXIDATION	*SHIP PORTS
USE AUTOXIDATION	USE SEAPORTS
SELF-SEALING FUEL TANKS	SHIPBOARD FIRES
SEMICONDUCTOR DEVICES	SHIPS
SEMICONDUCTORS	#SHOCK
*SEMINARS	SHOCK HAZARDS
USE CONFERENCES	SHOCK IGNITION
SENSITATION	SHOCK RESISTANCE
SENSITIVITY	*SHOCK SENSITIVITY
SENSITIVITY ANALYSIS	USE SHOCK RESISTANCE
SENSITIZERS	
#SENSORS	
SEPARAN AP273	

SHOCK TUBES

SHOCK WAVE IGNITION

SHOCK WAVES

SHOPPING CENTERS

SHORT CIRCUITS

SHRINKAGE

SIDEWALL SPRINKLER SYSTEMS

SIGNAL DETECTION

SIGNALS

SIGNS AND SYMPTOMS

SIKORSKY AIRCRAFT

SILANES

SILICA

SILICON

SILICON CARBIDES

SILICON COMPOUNDS

SILICON DIOXIDE

SILICON OXIDES

SILICON RUBBER

SILICON TETRAFLUORIDE

SILICONES

SILK

SILOXANES

SILVER

SIMULATION

SIMULATORS

SINGLE FAMILY DWELLINGS

SINKS

SIRENS

SITE SURVEYS

SIZE DISTRIBUTION

SKIN BURNS (HUMAN)

SKIN (HUMAN)

SKIN PROTECTIVE AGENTS

SKYBOND 700 (TRADEMARK)

SKYLAB PROGRAM

SLABS (MEMBERS)

SLASH FUELS

SLEEP

SLEEPING BAGS

SLIPPERY WATER

SLOSHING

SLURRIES

SMALL SCALE FIRE TESTS

SMOG

SMOKE

SMOKE ABATEMENT

SMOKE BARRIERS

SMOKE CELL

SMOKE CHAMBER TEST

SMOKE CHAMBERS

SMOKE COAGULATION

SMOKE CONTROL

SMOKE DAMPERS

SMOKE DENSITY

SMOKE DENSITY CHAMBERS

SMOKE DENSITY RATINGS

SMOKE DETECTION

SMOKE DETECTORS

SMOKE FILLING

SMOKE GENERATION

SMOKE GENERATORS

SMOKE HAZARDS

SMOKE INHALATION

SMOKE LAYERS

SMOKE MEASUREMENT

SMOKE METERS

SMOKE MOVEMENT

SMOKE OPACITY

SMOKE PARTITIONS

SMOKE POINTS

SMOKE PRODUCTION

SMOKE RETARDANTS

SMOKE VENTS

SMOKE YIELD

*SMOKESTACKS

USE CHIMNEYS

SMOKING

SMOLDERING

SMOLDERING COMBUSTION

SMOLUCHOWSKI EQUATION

SMOOTH SURFACE TEST

SMOTHERING

SNAP 19

SNORKELS

SOCIAL LEARNING THEORY

SODA ACID

SODIUM

SODIUM AMIDES

SODIUM BICARBONATE

SODIUM BORATES

SODIUM CARBONATES

SODIUM CHLORIDES

SODIUM CHLORATE

SODIUM COMPOUNDS

SODIUM DICHROMATES

SODIUM FIRES

SODIUM HYDROXIDES

SODIUM OXALATE

SODIUM PERBORATE

SODIUM SILICATES	SONIC BOOMS
*SOFTWARE (COMPUTERS) USE COMPUTER PROGRAMS	SOOT
SOFTWOOD	SOOT FORMATION
SOIL TEMPERATURES	SOOT REMOVAL
SOLAR BLINDS	SOURCE TEMPERATURE
SOLAR CELLS	#SOURCES
SOLAR COLLECTORS	SPACE CHARGE
SOLAR ENERGY	SPACE CREWS
SOLAR RADIATION	SPACE DEBRIS
SOLID FUELS	*SPACE ENVIRONMENT USE AEROSPACE ENVIRONMENTS
SOLID PHASES	SPACE FLIGHT
SOLID PROPELLANT IGNITION	*SPACE MEDICINE USE AEROSPACE MEDICINE
*SOLID PROPELLANT RESTRICTORS USE COMBUSTION INHIBITORS	SPACE MISSIONS
SOLID PROPELLANTS	SPACE SHUTTLE
SOLID ROCKET BINDERS	SPACE SIMULATORS
SOLID ROCKET OXIDIZERS	SPACE STATIONS
SOLID ROCKET PROPELLANTS	SPACE SUITS
SOLID SPHERES	*SPACE SURVIVAL USE SURVIVAL IN SPACE
SOLID SURFACES	*SPACE SYSTEMS ENGINEERING USE AEROSPACE ENGINEERING
SOLIDS	*SPACE VEHICLES USE SPACECRAFT
SOLUBILITY	SPACECRAFT
*SOLUTION HEAT USE HEAT OF SOLUTION	SPACECRAFT ACCIDENTS
SOLVENTS	

SPACECRAFT CABIN ATMOSPHERES	#SPECTRA
SPACECRAFT COMPONENTS	SPECTRAL ABSORPTIVITY
SPACECRAFT ELECTRONIC EQUIPMENT	SPECTRAL EMISSIVITY
SPACECRAFT ENVIRONMENTS	SPECTROMETERS
SPACECRAFT FIRES	SPECTROPHOTOMETRY
SPACECRAFT MATERIALS	*SPECTROSCOPIC MEASUREMENTS USE SPECTROSCOPY
SPACECRAFT MODELS	SPECTROSCOPY
SPACECRAFT PROPULSION	SPHERES
SPACECRAFT SHIELDING	SPONTANEOUS COMBUSTION
SPACECRAFT SIMULATION	*SPONTANEOUS IGNITION USE AUTOIGNITION
SPACING	SPRAY DRY CURE PROCESS
SPALLING	SPRAY FORMATION
SPANDEX (TRADEMARK)	SPRAY NOZZLES
*SPARK DISCHARGES USE ELECTRIC SPARKS	SPRAY QUENCHING
SPARK GUARDS	SPRAY SPRINKLERS
SPARK IGNITION	SPRAYERS
SPARK-O-MAT (TRADEMARK)	SPRAYING
#SPARKS	SPRAYS
*SPARKS (ELECTRIC) USE ELECTRIC SPARKS	SPRINKLER DEFLECTORS
*SPARKS (FRICTIONAL) USE FRICTION SPARKS	SPRINKLER HEADS
*SPATIAL ORIENTATION USE ATTITUDE (INCLINATION)	SPRINKLER SYSTEMS
SPECIFIC HEAT	*SPRINKLERS USE SPRINKLER SYSTEMS
SPECIFICATIONS	STABILITY

STABILIZERS (AGENTS)	ST. LAWRENCE POWER PROJECT
STACK EFFECT	STOICHIOMETRY
STACKS (EXHAUST)	STOICHIOMETRIC MIXTURES
STAGNATION POINT	#STORAGE
STAINLESS STEELS	*STORAGE BUILDINGS USE STORAGE AND WAREHOUSES
STAIRWAYS	STORAGE LIFE
STAIRWELLS	STORAGE RACKS
STANDARD FLAMMABILITY APPARATUS	STORAGE STABILITY
STANDARDIZATION	STORAGE TANKS
STANDARDS	STORMS
STANDPIPES	STOVES
STATE TRANSITION	STRATIFICATION
STATIC ELECTRICITY	STRATIFIED FLOW
STATIC DYNAMIC TESTS	STREAK PHOTOGRAPHY
STATIC FRICTION	#STRESS
STATISTICAL ANALYSIS	STRESS (MECHANICS)
STATISTICAL SAMPLING	STRESS (PHYSIOLOGY)
STATISTICS	STRESS (PSYCHOLOGY)
STEADY STATE	STRETCHERS
STEADY STATE GASIFICATION	STRONG DETONATIONS
STEEL BEAMS	STRUCTURAL ENGINEERING
STEEL STRUCTURES	STRUCTURAL FAILURE
STEELS	*STRUCTURAL MATERIALS USE CONSTRUCTION MATERIALS
*STEINER TUNNEL TEST USE ASTM E84	STRUCTURAL MEMBERS

STRUCTURAL STABILITY	SULFURIC ACID
STRUCTURES	*SUPERALLOYS
STUDENTS	USE HEAT RESISTANT ALLOYS
*STUDIES	SUPERCONDUCTIVITY
USE INVESTIGATIONS	SUPERCritical PRESSURES
STYRENES	SUPERCritical TEMPERATURES
STYROFOAM (TRADEMARK)	SUPERSONIC AIRCRAFT
SUBCRITICAL PRESSURES	SUPERSONIC COMBUSTION
SUBCRITICAL TEMPERATURES	SUPERSONIC HEAT TRANSFER
SUBLIMATION	SUPERSONIC TRANSPORTS
*SUBLIMATION HEAT	SUPRASIL
USE HEAT OF SUBLIMATION	*SURFACE COATING
SUBMARINE ACCIDENTS	USE COATINGS
SUBMARINE ATMOSPHERE	SURFACE COOLING
SUBMARINE FIRES	SURFACE EFFECTS
SUBMARINE SIMULATORS	*SURFACE EROSION
SUBMARINES	USE EROSION
SUBSTRATES	SURFACE FIRES
SUGARS	SURFACE HEAT
SULFATE ESTERS	*SURFACE IGNITION
SULFONATES	USE IGNITION
SULFUR	*SURFACE PRESSURE
SULFUR COMPOUNDS	USE PRESSURE
SULFUR DIOXIDE	SURFACE PROPERTIES
SULFUR HEXAFLUORIDE	SURFACE TEMPERATURE
SULFUR OXIDES	SURFACE TENSION
	SURFACE-VOLUME RATIO

-- S --

SURFACTANTS	*SYSTEMS DESIGN
SURVEYS	USE SYSTEMS ENGINEERING
SURVIVAL	SYSTEMS ENGINEERING
SURVIVAL AT SEA	SYSTEMS FAILURES
SURVIVAL CLOTHING	SYSTEMS SAFETY
SURVIVAL EQUIPMENT	
SURVIVAL IN SPACE	
SURVIVAL KITS	
SURVIVAL TRAINING	
SUSPENSIONS	
SWEAT COOLING	
SWELLING	
*SYMPOSIA	
USE CONFERENCES	
*SYMPTOMS	
USE SIGNS AND SYMPTOMS	
SYNERGISTIC EFFECTS	
SYNTHETIC FABRICS	
SYNTHETIC FIBERS	
SYNTHETIC MATERIALS	
SYNTHETIC RESINS	
SYNTHETIC RUBBERS	
SYRINGYL	
#SYSTEMS	
SYSTEMS ANALYSIS	

T-56 ENGINE	TECHNOLOGY TRANSFER
*TAG CLOSED CUP METHOD USE TAG CUP METHOD	TECHNOLOGY UTILIZATION
TAG CUP METHOD	*TEF POWDER USE TERNARY EUTECTIC FLUORIDE POWDER
*TAG OPEN CUP METHOD USE TAG CUP METHOD	TEFLON (TRADEMARK)
*TAGLIABUE CUP METHOD USE TAG CUP METHOD	TELEPHONES
TAGUCHI GAS SENSOR (TRADEMARK)	TELESMOKE (TRADEMARK)
TALC	TELEVISION
*TALL BUILDINGS USE HIGH RISE BUILDINGS	TEMPERATURE
TANK FAILURES	TEMPERATURE CONTROL
TANK FIRES	*TEMPERATURE DETERMINATION USE TEMPERATURE MEASUREMENTS
TANK TRUCKS	TEMPERATURE DIFFERENCES
TANKER SHIPS	TEMPERATURE DISTRIBUTION
TANKS (CONTAINERS)	TEMPERATURE EFFECTS
TARS	TEMPERATURE FIELD
*TB-25N AIRCRAFT USE B-25 AIRCRAFT	TEMPERATURE FLUCTUATIONS
*TBPP USE TRI(DIBROMOPROPYL) PHOSPHATE	TEMPERATURE GRADIENTS
TEAR STRENGTH	*TEMPERATURE INDICATORS USE INDICATING INSTRUMENTS AND TEMPERATURE MEASURING INSTRUMENTS
*TEC POWDER USE TERNARY EUTECTIC CHLORIDE POWDER	TEMPERATURE INVERSIONS
*TECHNOLOGICAL SURVEYS USE TECHNOLOGY SURVEYS	TEMPERATURE MEASUREMENTS
TECHNOLOGY ASSESSMENT	TEMPERATURE MEASURING INSTRUMENTS
TECHNOLOGY SURVEYS	TEMPERATURE RATINGS
	TEMPERATURE RISE

TEMPERATURE TRANSDUCERS	TETRAFLUOROETHYLENE
TEMPERATURE WARNING SYSTEMS	TETRAFLUOROHYDRAZINE
TENABILITY LIMITS	TETRAFLUOROMETHANE
TENSILE STRENGTH	*TETRAKIS (HYDROXYMETHYL) PHOSPHOM HYDROXIDE USE THPOH
TENTS	TEXAS
TERMINAL FACILITIES	TEXTILES
TERMINAL VELOCITY	TFE/H (TRADEMARK)
TERNARY EUTECTIC CHLORIDE POWDER	THATCH
TERNARY EUTECTIC FLUORIDE POWDER	THERAPY
TERPHENYL	THERMAL ANALYSIS
TEST CHAMBER FIRES	THERMAL BURNS
TEST CHAMBERS	*THERMAL CONDUCTION USE CONDUCTION AND HEAT TRANSMISSION
#TEST EQUIPMENT	THERMAL CONDUCTIVITY
TEST FACILITIES	THERMAL CONDUCTIVITY DETECTORS
TEST FIRES	THERMAL CONVECTION
TEST METHODS	THERMAL CRACKING (CHEMISTRY)
*TEST PROGRAMS USE TESTS	THERMAL DECOMPOSITION
*TESTERS USE TEST EQUIPMENT	THERMAL DEGRADATION
*TESTING USE TESTS	*THERMAL DETECTORS USE HEAT DETECTORS
*TESTING CENTERS USE TEST FACILITIES	THERMAL DIFFUSION
#TESTS	THERMAL DIFFUSIVITY
TETRACHLOROETHYLENE	THERMAL DISSOCIATION
TETRAFLUORIDE	

*THERMAL EFFECTS
USE TEMPERATURE EFFECTS

THERMAL EMISSION

THERMAL ENERGY

THERMAL EQUILIBRIUM

THERMAL EXPLOSIONS

*THERMAL GRAVIMETRIC ANALYSIS
USE THERMOGRAVIMETRIC ANALYSIS

THERMAL IGNITION

THERMAL INERTIA

THERMAL INSTABILITY

THERMAL INSULATION

THERMAL OXIDATION

THERMAL OXIDATIVE DEGRADATION

THERMAL PROPERTIES

THERMAL PROTECTION

THERMAL RADIATION

THERMAL REACTIONS

THERMAL RESISTANCE

THERMAL RESISTIVITY

*THERMAL SHIELDING
USE HEAT SHIELDING

THERMAL STABILITY

THERMAL STRESSES

THERMAL TRANSIENTS

THERMAL VOLATILIZATION ANALYSIS

THERMALS

THERMATIC (TRADEMARK)

THERMIONIC EMISSION

THERMISTORS

THERMOCHEMISTRY

THERMOCOUPLES

THERMODYNAMIC PROPERTIES

THERMODYNAMICS

THERMOELASTICITY

THERMOELECTRIC GENERATORS

THERMOGRAMS

THERMOGRAVIMETRIC ANALYSIS

THERMOGRAVIMETRY

THERMOLIN 101 (TRADEMARK)

*THERMOMECHANICS
USE THERMODYNAMICS

THERMOMETERS

THERMOOXIDATION

THERMOPHYSICAL PROPERTIES

*THERMOPHYSICS
USE THERMODYNAMICS

THERMOPILES

THERMOPLASTIC FABRICS

*THERMOPLASTIC RESINS
USE THERMOPLASTICS

THERMOPLASTICS

-- T --

THERMOSETTING RESINS	TIN
*THERMOSTABILITY USE THERMAL STABILITY	TIN OXIDES
*THERMOVOLATILIZATION ANALYSIS USE THERMAL VOLATILIZATION ANALYSIS	TITANIUM
THICKENERS (MATERIALS)	TITANIUM ALLOYS
THICKNESS	TITANIUM COMPOUNDS
THIOLS	TOLERANCES (MECHANICS)
THIOPLASTICS	TOLERANCES (PHYSIOLOGY)
*THIXOTROPIC PROPELLANTS USE GELLED ROCKET PROPELLANTS	TOLUENE
THOMAS DOMES	TOPOGRAPHY
THPC	TORCH FLAME TESTS
THPOH	TOXIC GASES
THRESHOLD DETECTORS (DOSIMETERS)	TOXIC HAZARDS
THYMINE PHENOL	TOXIC PRODUCTS
TIMBER	TOXICITY
*TIMBER STRUCTURES USE WOODEN STRUCTURES	TOXICITY TEST METHODS
TIME	TOXICOLOGY
TIME CONSTANT	TRACER TESTS
*TIME DELAY USE TIME LAG	TRACERS
TIME ESTIMATION	TRAILERS
TIME LAG	*TRAINERS USE TRAINING DEVICES
TIME MEASUREMENT	TRAINING
TIME PREDICTION	TRAINING AIRCRAFT
	TRAINING DEVICES
	TRAINING MANUALS

TRAINING SIMULATORS	TRI(DIBROMOPROPYL) PHOSPHATE
TRANSDUCERS	*TRIFLUOROBROMOMETHANE USE BROMOTRIFLUOROMETHANE SA HALON 1301
#TRANSFER	
*TRANSFORMATION HEAT USE HEAT OF TRANSFORMATION	TRIFLUOROPROPYLENE
TRANSFORMERS	TRIMETHOXYBOROXINE
TRANSMISSION	TRIMETHYL PHENOL
TRANSMISSIVITY	TRIMOLECULAR REACTIONS
TRANSPIRATION	TRIPLE BASE ROCKET PROPELLANTS
TRANSPORT AIRCRAFT	TRIS(DIPHENYLAMINOMETHYL) PHOSPH.
TRANSPORT EQUATION	TRIS(HYDROXYMETHYL) PHOSPHINE
TRANSPORT PROCESSES	TRUCKS
TRANSPORT PROPERTIES	TUNNEL FURNACES
TRANSPORTATION	TUNNEL TESTS
TRASH	TUNNELS
#TREATMENT	TURBINE ENGINES
TRENDS	TURBINES
TRI FLAMMABILITY ANALYZER	TURBOFAN ENGINES
TRIALLYL PHOSPHATE	TURBOJET ENGINES
TRICHLOROETHANE	TURBOPROP ENGINES
TRICHLOROETHYLENE	TURBULENCE
TRICHLOROFLUOROMETHANE SA HALON 113	TURBULENT BURNING
TRICHLOROTRIFLUOROETHANE SA HALON 233	TURBULENT BURNING VELOCITY
TRICRESYLPHOSPHATE	TURBULENT CONVECTION
	TURBULENT FLAMES
	TURBULENT FLOW

-- T --

*TURBULENT FREE FLAMES
USE TURBULENT FLAMES

TURBULENT HEAT TRANSFER

TURBULENT JET FLAMES

TURBULENT JETS

TURKEY

TURNOUT COATS

TWISTED WIRE LINE DETECTORS
BT LINE DETECTORS

TWO STAGE IGNITION

-- U --

UH-1 HELICOPTER	UNSYMMETRICAL DIMETHYLHYDRAZINE
UL-94	SA AEROZINE 50
UL-484	UNZIPPING
UL STANDARDS	UPHOLSTERED FURNITURE
ULLAGE	UPHOLSTERY
ULTRASONICS	UPRIGHT SPRINKLERS
ULTRAVIOLET ABSORPTION	URANIUM
ULTRAVIOLET DETECTORS	URBAN FIRES
ULTRAVIOLET INHIBITORS	UREA FORMALDEHYDE RESINE
ULTRAVIOLET RADIATION	UREA FORMALDEHYDES
*ULTRAVIOLET SENSORS	UREAS
USE ULTRAVIOLET DETECTORS	URETHANES
ULTRAVIOLET SPECTROSCOPY	
UNDECANES	
UNDERGROUND EXPLOSIONS	
UNDERGROUND STORAGE	
*UNDERLAYMENTS	
USE CARPER UNDERLAYS	
UNDERWATER CHAMBERS	
UNDERWATER EXPLOSIONS	
UNIMOLECULAR DECOMPOSITON	
UNIMOLECULAR REACTIONS	
UNIVERSITIES	
UNSATURATED POLYESTER RESINS	
UNSTABLE BURNING	

VACUUM CHAMBERS	VENTING
VACUUM EFFECTS	VENTS
VACUUM PUMPS	VEREL (TRADEMARK)
VALIDATION	VERIFICATION ACCEPTANCE
VALVES	VERIFICATION INSPECTION
VAN DER WAALS FORCES	VERMICULITE
VANGUARD (TRADEMARK)	VERTICAL PARALLEL PLATES
VAPOR DETECTION	VERTICAL TESTS
VAPOR PHASES	VIBRATING FLAMES
VAPOR PRESSURE	VIBRATION
VAPOR RATE	VINYL ACETATES
VAPORIZATION	VINYL CHLORIDE
*VAPORIZATION HEAT USE HEAT OF VAPORIZATION	VINYL FLOORING
VAPORIZING LIQUIDS	VINYL PLASTICS
VAPORS	VINYL POLYMERS
#VEHICLES	VINYL RESINS
VELCRO	VINYLLITE (TRADEMARK)
VELOCITY	VIRIAL COEFFICIENT
VELOCITY MEASUREMENT	VISOELASTICITY
*VENTILATING USE VENTILATION	VISCOSE
*VENTILATING DUCTS USE VENTILATION	VISCOSE SOLUTION
VENTILATION	VISCOSITY
VENTILATION SYSTEMS	VISCOUNT AIRCRAFT
	VISCOUS FLOW
	VISIBILITY

-- V --

VSTOL AIRCRAFT

VISUAL INSPECTION

VITON

VOID SPACES

VOIDING CONCEPT

VOLATILITY

*VOLTAGE

USE ELECTRIC POTENTIAL

VOLTAGE SPIKES

VOLUME

VORTEX SHEDDING

VORTEX STRENGTH

VORTICITY

WAKEFULNESS	WATER LOSS
WALL FINISHES	WATER PRESSURE
WALL LININGS	WATER SERVICES
WALL PRESSURE	WATER SOLUBILITY
WALL TEMPEATURE	WATER SPRAYS
WALLBOARD	WATER STORAGE
WALLPAPER	WATER SUPPLY
WALLS	WATER TANKS
WAREHOUSES	WATER VAPOR
*WAREHOUSING USE STORAGE AND WAREHOUSES	WATERPROOF COATINGS
WARM AIR HEATING	WATERPROOFING
*WARNING DEVICES USE WARNING SYSTEMS	WAVE STRUCTURE
*WARNING INDICATORS USE WARNING SYSTEMS	#WAVES
WARNING SYSTEMS	WEAR DETONATION
WASTE DISPOSAL	WEATHER EFFECTS
WATER	WEIGHT INDICATORS
WATER CURTAINS	WEIGHT LOSS
WATER DAMAGE	WEIGHT LOSS RATE
WATER DISTRIBUTION	WEIGHTLESSNESS
WATER FLOW	WELDING
WATER FOG	WELL FIRES
WATER INJECTION	WET SPRINKLER SYSTEMS
*WATER JETS USE HYDRAULIC JETS	*WET WATER USE SLIPPERY WATER
	WETTING

-- W --

WETTING AGENTS

WHIFFLE BALLS

WHISKER COMPOSITES

WICKS

WILDLAND FIRES

WIND DIRECTION

WIND EFFECTS

*WIND SPEED

USE WIND VELOCITY

WIND TUNNELS

. WIND VELOCITY

WINDOWS

WIRES

*WIRING

USE WIRES

*WOMEN

USE FEMALES

WOOD

WOOD PRESERVATIVES

WOODEN STRUCTURES

WOOL

WOOL FABRICS

*WORKSHOPS

USE CONFERENCES

WOVEN FABRICS

WRECKAGE

-- X --

X-400 (FABRICS)

X RAY DIFFRACTION

X RAY FLUORESCOPE

X RAY INSPECTION

X RAY SPECTROSCOPY

XB-70 AIRCRAFT

XENON

*XP2 CHAMBER TEST

USE ROHM AND HAAS XP2 SMOKE
DENSITY TEST

XYLENE

-- Y --

YARD HYDRANTS

*YELLOWING
USE DISCOLORATION

-- Z --

ZERO GRAVITY

ZINC

ZINC BORATES

ZINC CHLORIDES

ZINC OXIDES

ZIP LENGTH

ZIRCONIUM

ZONE MODELS

#ZONES

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